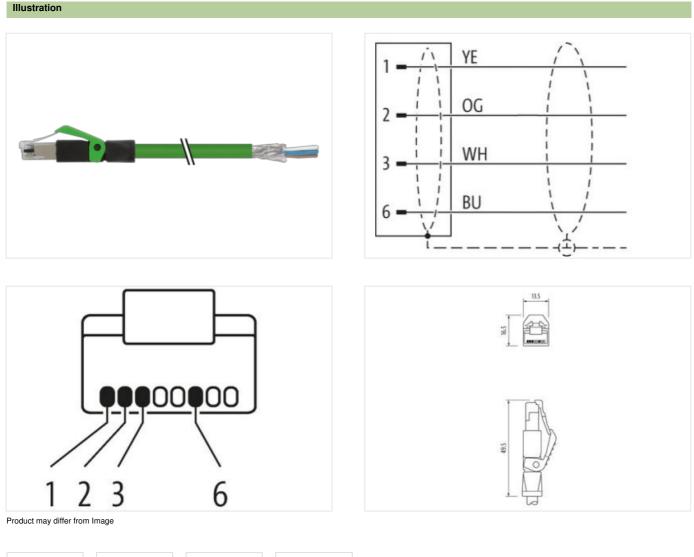


## RJ45 male 0° with cable shielded

PUR 1x4xAWG22 shielded gn UL/CSA+drag ch. 15m

Ethernet CAT5e Cable is approved for 600 V Male straight RJ45, 4-pole shielded Further cable lengths on request. Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product





Cable length

15 m

**Commercial data** 

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



ECLASS 0.02706 1601ECLASS 0.027060007ECLASS 7.027060007ECLASS 7.027060007ECLASS 0.027060007ECLASS 0.127060007ECLASS 10.127060007ECLASS 11.127060007ECLASS 12.027060007ECLASS 12.0270600007ECLASS 12.			
ECLASS 7.0         2706007           ECLASS 8.0         2706007           ECLASS 8.0         2706007           ECLASS 1.1         1           Eclass 1.1         1           Eclass 1.1         1           Eclass 1.1         1.5           Indistriat Grammication         1.5           Eclass 1.1         1.5           Indistriat Grammication         1           Eclass 1.1         1.5           Eclass 1.1         1.5           Eclass 1.1         1.5           Eclast 1.1         1	ECLASS-6.0	27061801	
ECLASS-9.0         2700007           ECLASS-0.1         2700007           ECLASS-11.1         2700007           ECLASS-11.1         2700007           ECLASS-12.0         2700007           ECLASS-13.0         EC000259           extons tarf number         6544210           GTM         464870912464           paraging unit         1           Extractal Star J Supply         Concesso           Oparating voltage Ormax.         60 V           Oparating voltage Ormax.         1.5 A           Industrial communication         I.5 A           Industrial communication I         Extractal Supply           Oparating voltage Ormax.         1.5 A           Industrial communication I Extense Ormax.         1.0 M Bötis           Industrial communication I Extense Ormax.         1.0 M Bötis           Industrial communication I Extense Ormax.         1.0 M Bötis           Degree of proteetin I E		27060307	
ECLASS-10         27060307           ECLASS-10.1         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.0         27060307           ECLASS-11.1         27060307           ECLASS-12.0         27060307           ECLASS-13.0         ECOCASS-90           outons tarff number         8544210           Ottom         404870913464           Packaging unit         1           Ecocritical data [Supply         Common comm	ECLASS-7.0	27060307	
ECLASS 10.1         27060307           ECLASS 12.0         27060307           ETIM 5.0         ECD02599           outsons traft number         8544210           GTIM         4048973913464           Packaging unit         1           Ectivication Supply         Ectivication Supply           Coperating voltage DC max.         60 V           Operating voltage DC max.         1.5 A           Industriation communication         Torrafer parameters           Current operating per contact max.         1.5 A           Industriatio communication         Torrafer parameters           Current operating per contact max.         100 MEItis           Industriat communication         Ectivication Communication           Additional containing protection digree         Insertify per contact max.           Additional containing protection digree         Insertify per contact max.           Additional containing protection digree         Insertify per contact max.           Palated surge voltage         1 kV           Material topic (EC 60664:1)		27060307	
ECLASP 11         27800307           ECLASP 12.0         27000307           ECLASP 12.0         27000307           ECLASP 12.0         EC000309           custors tarff number         8544210           OTN         4048370613464           Packaging unit         1           Encircial data [Supply         Coperating voltage DC max.           Operating voltage DC max.         60 V           Operating voltage DC max.         1.5 A           Industrial Communication         T           Transfer parameters         CATS. Class D (ISO/IEC 116012002), (EN 50173-1)           Data fragmentication         Full cluptex           Device protection   Electrical         Full cluptex           Degree of protection   Electrical         Full cluptex           Degree of protection   Electrical         Full cluptex           Degree of protection   Electrical         Full cluptex           Defract Degree         3           Factard surge Voltage         1 W           Material group (EC 6088-1)         1           Material proup full con barries         V           Contror for oringated hose         without           Encommental baranceristical (Electrical Lectrical Lectrical Lectrical Lectrical Cluptex           Operating temperatu	ECLASS-9.0	27060307	
ECLASP.12.0     27040007       ETM-5.0     EC002590       cataonis tarfi number     8544210       G11N     404873813464       Packaging unit     1       Electrical data   Supply     Operating voltage DC max.     60 V       Oparating voltage DC max.     60 V     Oparating voltage DC max.     1.5 A       Industrial communication     1.5 A     Industrial communication       Industrial communication     CAT5. Class D (ISD/EC 11801:2002, (EN 50173-1)     Data transmission rate max.       Industrial communication   Ethernet funct/oneally     duplex     Full duplex       Degree of protection   Electrical     Data transmission rate max.     1.0 MBH/s       Degree of protection   Electrical     Industrial communication       P20       Degree of protection   Electrical     Industrial comparing protectric dupge     Industrial comparing protectric dupge       Pallitorin durating     IP20     Additional condition     Pallitorin durating       Material dupage     9 RF     Environmental characteristics   Climalic       Comparing regree grants     3 CP 3C     Operating regree grants       Operating temperature max.     85 °C     Additional condition tomperature grants       Material dupage     PLR     Environmental characteristics   Climalic       Operating temperature max.     85 °C       Additional	ECLASS-10.1	27060307	
ETM-8-0         EC00259           customs turiff number         8544210           GTM         4048879813464           Packaging unit         1           Electrical data [Supply            Operating voltage DC max.         60 V           Operating voltage DC max.         15 A           Industrial communication            Transfer parameters         CATS. Class D (ISO/IEC 11801 2002), (EN 50173-1)           Data transmission rate max.         100 MB/ls           Industrial communication [Electrical            Degree of protection [Electrical            Degree of protection reprotection degree         1 N           Additional constition protection degree         1 N           Additional constition protection degree         1 N           Material group (EC 6066-1)         1           Material group (EC 6066-1)         1           Material group (EC 6066-1)         1           Meterial data         26 °C           Additional constition importation monitor         26 °C           Additional constition importation monitor         26 °C           Additional constition importation monitor         26 °C           Additional constition importation anin.         26 °C           O	ECLASS-11.1	27060307	
Customs tariff number         85444210           GTN         4048873813464           Packaging mit         1           Electrical data   Suppiy         Operating voltage DC max.         60 V           Operating voltage DC max.         1.5 A         Industrial communication           Transfer pranneters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Delata transmission rate max.           Transfer pranneters         CATS, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Delata transmission rate max.         100 MBit/s           Industrial communication   Ethernet truticionality         dupkx         Full dupkx         Degree of protection   Ethernet truticionality           dupkx         Full dupkx         Degree of protection (Ethernet truticionality         Degree of protection (Ethernet truticionality           dupkx         Full dupkx         Degree of protection regree         3           Additional condition protection degree         3         Rate darge voltage         1           Material doving (IC 20084-1)         I         Industrial transmission regree         Rate darge voltage         1           Material doving Condition and data         Waterial house in the data in Material data         Industrial data         Industrial data           Material doving Condition temporature range         despending on cable quality         Industri	ECLASS-12.0	27060307	
GTIN     4048879813464       Packagin unit     1       Electrical dial Josphy     Coperating voltage DC max. (b) V       Operating voltage DC max. (UL-listed)     30 V       Current operating per contact max.     1.5 A       Industrial communication     Transfer parameters       CATS. Class D (ISO/IEC 11801/2002). (EI 50173-1)     Data transrission rate max.       Industrial communication [Ethernet functionality     duplex       Device protection [Ethernet functionality     matematic protection [Ethernet functionality]       Device protection [Ethernet functionality]     matematic protection [Ethernet functionality]       Device protection [Ethernet functionality]     matematic protection [Ethernet functionality]       Device protection [Ethernet functionality]     matematic protection [Ethernet functionality]       Detrination functio	ETIM-5.0		
Packaging unit         1           Electrical data [Stoppy]            Operating voltage DC max.         60 V           Current operating voltage DC max.         1,5 A           Industrial communication            Transfer sparanting per ontact max.         1,5 A           Industrial communication            Transfer sparanting per ontact max.         100 MBUs           Industrial communication   Elternet functionality            Operating voltage DC max.         100 MBUs           Industrial communication   Elternet functionality            Operating voltage DC max.         100 MBUs           Industrial communication   Elternet functionality            Operating voltage DC max.         Full duplex           Degree of protection (EN EC 60529)         IP20           Additional condition protection degree         3           Rated auge voltage         1 KV           Material dross of protection (EN EC 60564-1)         I           Metrial housing         PUR           Environmental characteristics [ Climatic            Operating temperature max.         85 °C           Additional condition temperature may.         85 °C           Additional condition temperature range		85444210	
Electrical data   Supply           Operating voltage DC max.         60 V           Operating voltage DC max.         1,5 A           Industrial communication         Industrial communication           Transfer parameters         CATS, Class D. (ISO/IEC 118012002), (EN 50173-1))           Data transmission rate max.         100 MB//s           Industrial communication   Ethernet functionality         duplox           Device protection   Electrical         Device protection (Electrical           Degree of protection (Electrical         ISO           Degree of protectin (Electrical         ISO		4048879813464	
Operating voltage DC max.         60 V           Operating voltage DC max.         1,5 A           Industrial communication         1,5 A           Transfer parameters         CAT5. Class D (ISO/IEC 11801:2002, (EN 50173-1)           Data transmission rate max.         100 MBit/s           Industrial communication         Industrial communication           Device protection   Electrical         Electrical           Degree of protection (EN IEC 6058)         IP20           Additional condition protection degree         inserted, screwed           Pollucin Degree         3           Rated surge voltage         1 N/           Material group (EC 60664-1)         1           Mechanical data         Electrical           Operating temperature max.         85 °C           Operating temperature max.         85 °C           Addition temperature max.         65 °C	Packaging unit	1	
Operating voltage DC max. (UL-listed)         30 V           Current operating per contact max.         1.5 A           Industrial communication         Transfer parameters         CATS. Class D (ISO/IEC 11801:2002), (EN 50173-1)           Data transmission rate max.         100 MBWs         Industrial communication   Ethernet functionality           Industrial communication   Ethernet functionality         Iduptex         Full duptex           Device protection   Electrical         Evice protection felectrical         Evice protection felectrical           Degree of protection felectrical         Industrial communication degree         inserted, screwed           Pollution Degree         3         Rated surge voltage         1           Material group (EC 60664-1)         I         Mechanical data         Mechanical data           Contour for corrugated hose         without         Mechanical data         Meterial dota           Coperating temperature min.         -25 °C         Operating temperature max.         85 °C           Operating temperature max.         85 °C         Operating radius         Attention conserver the parmiscible bending radii when laying cables, e.g. by the usage of cable lies.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.           Note on bending radius         Attention: Observe t	Electrical data   Supply		
Current operating per contact max.       1,5 A         Industrial communication       CAT5. Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transfission rate max.       100 MBits         Industrial communication   Ethernet functionality       Industrial communication   Ethernet functionality         duplex       Full duplex:         Device protection [Electrical       Electrical         Degree of protection (EN EC 60529)       IP20         Additional condition protection degree       insented, sorewed         Pollution Degree       3         Rated surge voltage       1 kV         Material group (IEC 60664-1)       1         Mechanical data       Unitor         Contrur for corrugate hose       without         Mechanical data [Material data       Unitor         Deparating temporature min.       -25 °C         Operating temporature min.       -26 °C <td< td=""><td>Operating voltage DC max.</td><td>60 V</td></td<>	Operating voltage DC max.	60 V	
Industrial communication         CATS, Class D (ISO/IEC 11801/2002), (EN 50173-1)           Transfersomission rate max.         100 MBit/s           Industrial communication   Ethernet functionality           duplex         Full duplex.           Device protection   Electrical         Electrical           Degree of protection (Electrical Screwed         Electrical Screwed           Pollution Degree         3           Rated surge voltage         1 KV           Material group (Ele 6068-1)         1           Mechanical data         Corror organized hose           Contour for corrugated hose         without           Material droup (Ele 6068-1)         1           Nechanical data         Corror for corrugated hose           Contour for corrugated hose         without           Material droup (Ele 6068-1)         1           Pervinomental characteristics   Climatic         Common           Operating temperature max.         85 °C           Additional condition tomperature range         depending on cable quality           Important installation notos         Attention: Observe the parmissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation I Cable         Colect he connectors by suitable measures from mechanical loads, e.g. by the usage of cable less.	Operating voltage DC max. (UL-listed)	30 V	
Transfer parameters       CA15, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBU/s         Industrial communication   Ethernet functionality          duplex       Full duplex         Device protection   Electrical          Degree of protection (EN IEC 60529)       IP20         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1 kV         Material group (IEC 60664-1)       I         Mechanical data       Contour for corregated hose         Contour for corregated hose       without         Mechanical data [ Material data          Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.         Note on bending radius       A	Current operating per contact max.	1,5 A	
Transfer parameters       CA15, Class D (ISO/IEC 11801:2002), (EN 50173-1)         Data transmission rate max.       100 MBU/s         Industrial communication   Ethernet functionality          duplex       Full duplex         Device protection   Electrical          Degree of protection (EN IEC 60529)       IP20         Additional condition protection degree       inserted, screwed         Pollution Degree       3         Rated surge voltage       1 kV         Material group (IEC 60664-1)       I         Mechanical data       Contour for corregated hose         Contour for corregated hose       without         Mechanical data [ Material data          Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature max.       85 °C         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lise.         Note on bending radius       A	Industrial communication		
Data transmission rate max.     100 MBit/s       Industrial communication   Ethernet functionality       duplex     Full duplex       Device protection   Electrical       Degree of protection (EN IEC 60629)     IP20       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1 kV       Material group (E& 0664-1)     1       Mechanical data     Contour for corrugated hose       Without     Mechanical data   Material data       Environmental characteristics   Climatic     Contour for corrugated hose       Operating temperature min.     -25 °C       Operating temperature max.     85 °C       Additional condition temperature range     depending on cable quality       Important installation notes     Note on strain relief       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable lies.       Note on strain relief     Colserve the permissible bending radii when laying cables, as the IP protection class can be endingered by excessive bending forces.       Installation   Cable     Cable scientifies       Cable clientification     659       Jacket Color     green       Type of Certificate     cDRus       Amount stranding     1       Stranding     4 wires around Core filler twisted </td <td></td> <td>CAT5 Class D (ISO/IEC 11801-2002) (EN 50173-1)</td>		CAT5 Class D (ISO/IEC 11801-2002) (EN 50173-1)	
Industrial communication   Ethernet functionality           duplex         Full duplex           Degree of protection   Electrical	· · · · · · · · · · · · · · · · · · ·		
duplex     Full duplex       Device protection [Electrical     P20       Additional condition protection (BFIEC 60529)     IP20       Additional condition protection degree     inserted, screwed       Pollution Degree     3       Rated surge voltage     1 kV       Material group (IEC 6064-1)     1       Mechanical data     Contour for corrugated hose       Waterial housing     PUR       Material housing     PUR       Environmental characteristics   Climatic       Operating temperature min.     -25 °C       Operating temperature min.     -25 °C       Operating temperature range     depending on cable quality       Important Installation notes     Attention: Observe the permissible bending radii when laying cables, e.g. by the usage of cable ties.       Note on strain relief     Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.       Installation   Cable     Cable dontification       Cable dontification     659       Jasket Color     green       Type of Certificate     cURus       Amount stranding     1       Stranding     4 wires around Core filler twisted       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned       Cable shielding (type)     copper braid, tinned </td <td></td> <td></td>			
Device protection   Electrical           Degree of protection (EN IEC 60529)         IP20           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1 KV           Material group (IEC 60664-1)         1           Mechanical data         Meterial group (IEC 60664-1)         1           Mechanical data         Meterial data         Meterial data           Material housing         PUR            Environmental characteristics   Climatic             Operating temperature min.         -25 °C            Operating temperature max.         85 °C            Additional condition tomestrue range         depending on cable quality            Important installation notes              Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.            Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be and and and by forces.            Jacket Color         green             Type of Certificate         CURus	Industrial communication   Ethernet functionality		
Degree of protection (EN IEC 60529)         IP20           Additional condition protection degree         inserted, screwed           Pollution Degree         3           Rated surge voltage         1 kV           Material group (IEC 60664-1)         1           Mechanical data         Contour for corrugated hose           Waterial housing         PUR           Environmental characteristics   Climatic         Concour for corrugated nose           Operating temperature max.         85 °C           Additional condition notes         Contour for corrugated nose           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending forces.           Installation   Cable         Gable initication           Type of Certificate         cURus           Amount strainding         1           Stranding         4 wires around Core filler twisted           Cable ishelding (type)         copper braid, timed           Certificate         cURus           Amount stranding         1           Stranding         4 wires around Core filler twisted           Cable ishelding (type)         copper braid, timed           Cable ishelding (type	duplex	Full duplex	
Additional condition protection degree       Inserted, screwed         Poliution Degree       3         Rated surge voltage       1 kV         Material group (IEC 60664-1)       1         Mechanical data       Contour for corrugated hose       without         Mechanical data       Material data         Contour for corrugated hose       without         Methanical data [Material data       PUR         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature min.       -25 °C       Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality       Important installation notes         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification       659         Jacket Color       green       T         Type of Certificate       cURus       Amount stranding         Amount stranding       1       Stranding       4 wires around Core filler twisted         Cable sheliding (type)       copper bra	Device protection   Electrical		
Pollution Degree       3         Rated surge voltage       1 KV         Material group (IEC 60664-1)       I         Mechanical data       Contour for corrugated hose         Contour for corrugated hose       without         Mechanical data       Contour for corrugated hose         Material housing       PUR         Environmental characteristics   Climatic       Operating temperature main.         -25 °C       Operating temperature max.         B5 °C       Additional condition temperature range         depending on cable quality       Important installation notes         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         G59       Jacket Color         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable ishelding (type)       copper braid, tinned         Cable shelding (coverage)       85 %         Banding       Fleace, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m	Degree of protection (EN IEC 60529)	IP20	
Rated surge voltage       1 kV         Meterial group (IEC 60664-1)       1         Mechanical data          Contor for corrugated hose       without         Mechanical data       Material housing         PUR          Environmental characteristics   Climatic          Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes          Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable          Cable identification       659         Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement	Additional condition protection degree	inserted, screwed	
Material group (IEC 60664-1)       I         Mechanical data       Contour for corrugated hose       without         Mechanical data   Material data       Material housing       PUR         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C       Additional condition temperature range       depending on cable quality         Important installation notes       Material roles       Material housing and endersity is suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Installation   Cable       Cable identification       659         Jacket Color       green       Type of Certificate       CURus         Amount stranding       1       Stranding       1         Stranding       4 wires around Core filler twisted       Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       85 %       %       %       %         Banding       Fleece, Foil       Flieler       yes       wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m       10       10       10       10       10       10       10	Pollution Degree	3	
Mechanical data           Contour for corrugated hose         without           Mechanical data   Material data           Material housing         PUR           Environmental characteristics   Climatic           Operating temperature min.         -25 °C           Operating temperature max.         85 °C           Additional condition temperature range         depending on cable quality           Important installation notes         Material housing           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Cable identification           Cable identification         659           Jacket Color         green           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Core filler twisted           Cable shielding (toyerage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         while, yellow, blue, orange           Cable weigth         89.1 g/m	Rated surge voltage	1 kV	
Contour for corrugated hose       without         Mechanical data   Material data       FUR         Material housing       PUR         Environmental characteristics   Climatic       Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Value         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         G59       Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shelding (type)       copper braid, tinned         Cable shelding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m	Material group (IEC 60664-1)		
Mechanical data   Material data           Material housing         PUR           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Material housing         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Cable identification           G59         Jacket Color           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Core tiller twisted           Cable sileliding (type)         copper braid, tinned           Cable sileliding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           Cable weigth         89,1 g/m	Mechanical data		
Mechanical data   Material data           Material housing         PUR           Environmental characteristics   Climatic         Operating temperature min.         -25 °C           Operating temperature max.         85 °C         Additional condition temperature range         depending on cable quality           Important installation notes         Material housing         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on strain relief         Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.           Note on bending radius         Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.           Installation   Cable         Cable identification           G59         Jacket Color           Type of Certificate         cURus           Amount stranding         1           Stranding         4 wires around Core tiller twisted           Cable sileliding (type)         copper braid, tinned           Cable sileliding (coverage)         85 %           Banding         Fleece, Foil           Filler         yes           wire arrangement         white, yellow, blue, orange           Cable weigth         89,1 g/m	Contour for corrugated hose	without	
Material housing       PUR         Environmental characteristics   Climatic       Coperating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature mage       depending on cable quality         Important installation notes       Mote on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         Cable identification       659         Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m	-		
Environmental characteristics   Climatic         Operating temperature min.       -25 °C         Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         Cable identification       659         Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m			
Operating temperature min25 °COperating temperature max.85 °CAdditional condition temperature rangedepending on cable qualityImportant installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableCable identificationCable identification659Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Material housing	PUR	
Operating temperature max.       85 °C         Additional condition temperature range       depending on cable quality         Important installation notes       Note on strain relief         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         Cable identification       659         Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m	Environmental characteristics   Climatic		
Additional condition temperature range       depending on cable quality         Important installation notes       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on strain relief       Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.         Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification         Cable identification       659         Jacket Color       green         Type of Certificate       cURus         Amount stranding       1         Stranding       4 wires around Core filler twisted         Cable shielding (type)       copper braid, tinned         Cable shielding (coverage)       85 %         Banding       Fleece, Foil         Filler       yes         wire arrangement       white, yellow, blue, orange         Cable weigth       89,1 g/m	Operating temperature min.	-25 °C	
Important installation notesNote on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableCable identificationCable identification659Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Operating temperature max.	85 °C	
Note on strain reliefProtect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableCable identification659Cable identificatecURusAttention:Type of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Additional condition temperature range	depending on cable quality	
Note on bending radius       Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.         Installation   Cable       Cable identification       659         Jacket Color       green       CuRus         Amount stranding       1       Stranding       4 wires around Core filler twisted         Cable shielding (type)       copper braid, tinned       Cable shielding (coverage)       85 %         Banding       Fleece, Foil       Fleece, Foil       Fleece, Foil         Filler       yes       write, yellow, blue, orange       Zable, orange         Cable weigth       89,1 g/m	Important installation notes		
Note on bending radiusAttention: Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces.Installation   CableCable identification659Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Note on strain relief	Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.	
Installation   CableCable identification659Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Note on bending radius	Attention: Observe the permissible bending radii when laying cables, as the IP protection class can be	
Cable identification659Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	Installation   Cable		
Jacket ColorgreenType of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m			
Type of CertificatecURusAmount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m			
Amount stranding1Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m		-	
Stranding4 wires around Core filler twistedCable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m			
Cable shielding (type)copper braid, tinnedCable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m	-		
Cable shielding (coverage)85 %BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m			
BandingFleece, FoilFilleryeswire arrangementwhite, yellow, blue, orangeCable weigth89,1 g/m			
Filler     yes       wire arrangement     white, yellow, blue, orange       Cable weigth     89,1 g/m			
wire arrangement     white, yellow, blue, orange       Cable weigth     89,1 g/m	5		
Cable weigth 89,1 g/m		-	
	-		

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no



Material jacket	PUR
Shore hardness jacket	90 ± Shore A
Freedom from ingredients (jacket)	lead-free, CFC-free, halogen-free
Outer-diameter (jacket)	7,4 mm
Tolerance outer diameter (sheath)	±5%
Material inner jacket	TPE-V
Color (inner jacket)	white
Material wire insulation	PE
Amount wires	4
Outer diameter insulation	1,4 mm
Outer diameter tolerance core insulation	± 5 %
Shore hardness wire insulation	65 Shore D
Ingredient freeness wire insulation	lead-free, CFC-free, halogen-free
Amount strands (wire)	7
Diameter of single wires	22 AWG
Conductor crosssection (wire)	22 AWG
Material conductor wire	Stranded copper wire, bare
Traversing distance (C-track)	5 m
Nominal voltage AC max.	60 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4,8 A
Characteristic impedance	100 Ω ± 15 %
Electrical resistance line constant wire	55 Ω/km @ 20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Electrical capacity line constant (wire - wire)	50000 pF/km
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
AC withstand voltage (wire - shield)	2 kV @ 60 s
Loop resistance	5000 MΩ × km
Min. operating temperature (static)	-40 °C
Max. operating temperature (fixed)	0° 08
Operating temperature min. (dynamic)	-30 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	UL 1581 § 1100 FT2   IEC 60332-2-2   UL 1581 § 1090
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	DIN EN 60811-404   Good, application-related testing
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	12 x Outer diameter
Travel speed (C-track)	2 Mio.

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-18

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no