

Cables for Industrial Ethernet – copper cables

Weidmüller can also supply a range of cables to match the connection components, a true to Weidmüller's commitment to the future, also in 8-core, i.e. 4-pair, versions for multi-service Ethernet networks.

Industrial patch cables



Our IE-6PC class E/Cat.6 patch cables with FRNC sheathing in light grey (RAL 7035), wired 1:1, are used in the distribution board or switching cabinet to connect installation cables to switches, media converters or similar components. Here, the flexible cord itself already complies with S/FTP Cat.7, 600 MHz 4 x 2 x AWG 27/7, providing excellent transmission characteristics and high capacity reserves. The cables flame retardant sheathing is halogen free. Weidmüller patch cables have a moulded RJ45 plug that provides kink protection and guarantees good strain relief, which means that the electrical contact points are never subjected to any mechanical forces, whilst the moulded cover over the locking lever prevents unintentional damage to the lever during installation. Patch cables can be supplied in six different standard lengths between 0.5 and 10 m, with the length printed on the anti-kink sleeve. Furthermore, Weidmüller can also provide crossover patch cables for inter-connecting terminal equipment. In order to be able to distinguish crossover from 1:1-wired cables, the crossover cables are fitted with a yellow anti-kink sleeve. Weidmüller patch cables are suitable for operating temperatures up to 60 °C.

Industrial installation cables (horizontal cables)



Weidmüller can supply 100, 500 and 1000 m coils of Cat.7 and Cat.5 installation cables with green (RAL 6018) PVC or zero-halogen PUR sheathing (to IEC 60754-2) for permanent installations in buildings. The 4-pair cables can be used with all customary Ethernet protocols up to Gigabit and beyond. Weidmüller installation cables are easily fitted with RJ45 sockets at both ends and thanks to their single-core AWG 23/1 internal conductor can be used for transmission distances of – theoretically – up to 115 m. However, we recommend sticking to the “90 m rule” (see EN 50173-1) for installation cables as well in order to be able to exploit fully the transmission performance of future systems. Weidmüller installation cables are suitable for operating temperatures up to 75 °C.

Industrial connecting cables

Weidmüller can also supply 100 m rings of Cat.7 and Cat.5 connecting cables, again with PVC or zero-halogen PUR sheathing, for connecting movable equipment in the field. The connected values of these 8-core connecting cables (in sizes AWG 26 to AWG 2) match those of the RJ45 plugs, which means that these cables can be combined with all plug and socket variations. Weidmüller connecting cables are suitable for operating temperatures up to 75 °C.

Industrial system cables



If you do not wish to assemble the industrial connecting cables for your machines and equipment yourself, Weidmüller has a range of pre-assembled connecting cables at your disposal in standard lengths of 1, 2, 5, 10 and 15 m. If required, the pre-assembled cables can be ordered with IP20 and IP67 plugs – even combined assemblies can be found on the following pages.

Industrial connecting cables suitable for cable carriers



For those applications in which cables are subjected to frequent movements, we recommend our cable carrier-compatible industrial connecting cables. Here again, you can choose between a 100 m ring or pre-assembled cables with IP67 plugs in various lengths.

Ordering overview of copper cables supplied in a ring

Type		Plug-in connector		100 m	500 m	1000 m
		one end	other end			
Industrial connecting cable						
IE-5CC4x2xAWG26/7-PUR	Cat.5	none	none	8813200000		
IE-5CC4x2xAWG26/7-PVC	Cat.5	none	none	8813190000		
IE-7CC4x2xAWG26/7-PUR	Cat.7	none	none	8813180000		
IE-7CC4x2xAWG26/7-PVC	Cat.7	none	none	8813170000		
Industrial installation cable						
IE-5IC4x2xAWG24/1-PUR	Cat.5	none	none	8813160000	8843640000	8843650000
IE-5IC4x2xAWG24/1-PVC	Cat.5	none	none	8813150000	8843620000	8843630000
IE-7IC4x2xAWG23/1-PUR	Cat.7	none	none	8813140000	8843600000	8843610000
IE-7IC4x2xAWG23/1-PVC	Cat.7	none	none	8813130000	8843580000	8843590000
Industrial cable carrier-compatible connecting cable						
IE5TC4x2xAWG26/7-PUR	Cat.5	none	none	8813210000		

Ordering overview of pre-assembled copper cables

Type		Plug-in connector		0.5 m	1 m	2 m	3 m	5 m	10 m	15 m	20 m
		one end	other end								
Patch cable											
IE-6PC	Cat.6	RJ45-IP20	RJ45-IP20	8808830000	8808840000	8808850000	8808860000	8808870000	8808880000		
IE-6COPC	Cat.6	RJ45-IP20	RJ45-IP20	8818620000	8829460000	8818630000	8829470000	8829480000	8829490000		
Industrial installation cable											
IE5CC26/7-xxU P20-P20	Cat.5	RJ45-IP20	RJ45-IP20		8829560000	8829590000		8829620000	8829650000	8829680000	
IE6CC26/7-xxU P20-P20	Cat.6	RJ45-IP20	RJ45-IP20		8829500000	8815050000		8815080000	8815110000	8829530000	
IE5CC26/7-xxU P20-P67	Cat.5	RJ45-IP20	RJ45-IP67		8829570000	8829600000		8829630000	8829660000	8829690000	
IE6CC26/7-xxU P20-P67	Cat.6	RJ45-IP20	RJ45-IP67		8829510000	8815060000		8815090000	8815120000	8829540000	
IE5CC26/7-xxU P20-P67	Cat.5	RJ45-IP67	RJ45-IP67		8829580000	8829610000		8829640000	8829670000	8829700000	
IE6CC26/7-xxU P20-P67	Cat.6	RJ45-IP67	RJ45-IP67		8829520000	8815070000		8815100000	8815130000	8829550000	
Industrial cable carrier-compatible connecting cable											
IE5TC26/7-xxU P67-P67					8829710000	8829720000		8829730000	8829740000	8829750000	8829760000

Connecting elements

Industry-grade connecting cable

- 100 m coil in PUR and PVC
- Cat. 5

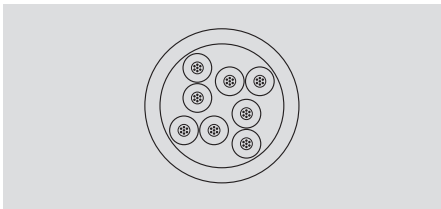
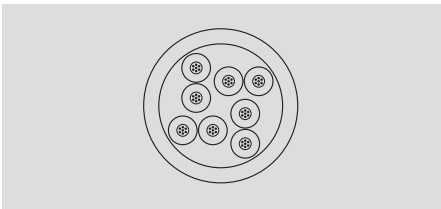
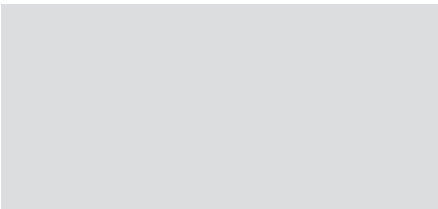
IE-5CC4x2xAWG26/7-PUR

with PUR cladding



IE-5CC4x2xAWG26/7-PVC

with PVC cladding



Technical specification

- Application
- Cross-section
- Copper diameter
- Wire insulation diameter
- Core/Lay-up
-
- Shielding
- Sheathing colour
- Cladding diameter
- Bending radius, min.
- Resistance to spread of flame
- Free from halogens
- Resistance to oils
- Abrasion resistance
- Operating temperature, min.-max.
- Storage temperature, min.-max.
- Installation temperature, min.-max.
- Standard designations

- occasional movement
- 4x2xAWG 26/7, 4x2x0.128 mm²
- 0.48 mm
- 0.98 mm
- Wires twisted together to form pairs,
4 pairs twisted together,
laminated with aluminum foil,
tinned copper braiding
- SF/UTP
- green (RAL 6018)
- 6.0 mm
- repeated 8xø, once only 4xø
- IEC 60332-1
- IEC 60754-2
- good, according to 60811-2-1
- very good
- 40 °C ... 75 °C
- 40 °C ... 75 °C
- 20 °C ... 60 °C
- LI02YS(ST)C11Y 4x2x0.15-100 GN NC

- occasional movement
- 4x2xAWG 26/7, 4x2x0.128 mm²
- 0.48 mm
- 0.98 mm
- Wires twisted together to form pairs,
4 pairs twisted together,
laminated with aluminum foil,
tinned copper braiding
- SF/UTP
- green (RAL 6018)
- 5.8 mm
- repeated 8xø, once only 4xø
- IEC 60332-1
- no
- good
- good
- 25 °C ... 75 °C
- 25 °C ... 75 °C
- 20 °C ... 60 °C
- LI02YS(ST)CY 4x2x0.15-100 GN FR

Note

Ordering data

Length
100 m

Type	Qty.	Order No.
IE-5CC4x2xAWG26/7-PUR	1	8813200000

Type	Qty.	Order No.
IE-5CC4x2xAWG26/7-PVC	1	8813190000

Note

Accessories

Note

Industry-grade connecting cable

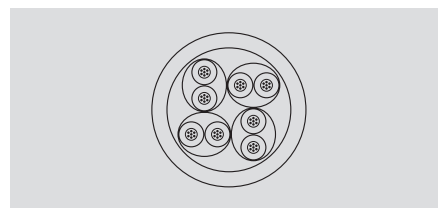
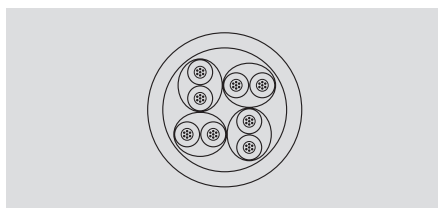
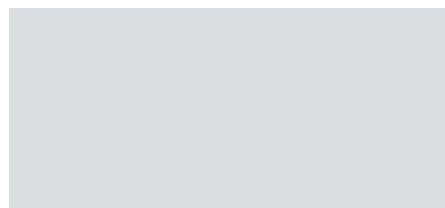
- 100 m coil in PUR and PVC
- Cat. 7

IE-7CC4x2xAWG26/7-PUR

with PUR cladding

**IE-7CC4x2xAWG26/7-PVC**

with PVC cladding

**Technical specification**

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Standard designations

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
LI02YSC11Y 4x2x0.15/0.98 GN FRNC PIMF

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
no
good
good
-25 °C ... 75 °C
-25 °C ... 75 °C
-20 °C ... 60 °C
LI02YSCY 4x2x0.15/0.98 GN PIMF

Note**Ordering data**

Length
100 m

Type	Qty.	Order No.
IE-7CC4x2xAWG26/7-PUR	1	8813180000

Type	Qty.	Order No.
IE-7CC4x2xAWG26/7-PVC	1	8813170000

Note**Accessories****Note**

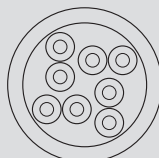
Connecting elements

Industry-grade installation cable

- 100 to 1000 m coil in PUR and PVC
- Cat.5

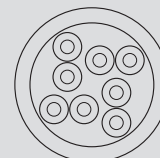
IE-5IC4x2xAWG24/1-PUR

with PUR cladding



IE-5IC4x2xAWG24/1-PVC

with PVC cladding



Technical specification

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Standard designations

fixed wiring
4x2xAWG 24/1, 4x2x0.205 mm²
0.5 mm
1 mm
Wires twisted together to form pairs,
4 pairs twisted together,
laminated with aluminum foil,
tinned copper braiding
SF/UTP
green (RAL 6018)
6.3 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
02YS(ST)C11Y 4x2x0.5/1.0 VZN FRNC GN

fixed wiring
4x2xAWG 24/1, 4x2x0.205 mm²
0.5 mm
1 mm
Wires twisted together to form pairs,
4 pairs twisted together,
laminated with aluminum foil,
tinned copper braiding
SF/UTP
green (RAL 6018)
6.3 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
no
good
good
-25 °C ... 75 °C
-25 °C ... 75 °C
-20 °C ... 60 °C
02YS(ST)CY 4x2x0.5/1.0 VZN GN

Note

Ordering data

Length
100 m
500 m
1000 m

Type	Qty.	Order No.
IE-5IC4x2xAWG24/1-PUR	1	8813160000
IE-5IC4x2xAWG24/1-PUR05	1	8843640000
IE-5IC4x2xAWG24/1-PUR10	1	8843650000

Type	Qty.	Order No.
IE-5IC4x2xAWG24/1-PVC	1	8813150000
IE-5IC4x2xAWG24/1-PVC05	1	8843620000
IE-5IC4x2xAWG24/1-PVC10	1	8843630000

Note

Accessories

Note

Industry-grade installation cable

- 100 to 1000 m coil in PUR and PVC
- Cat.7

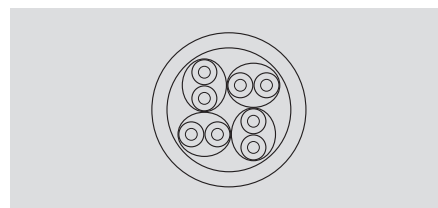
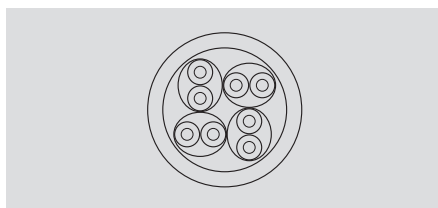
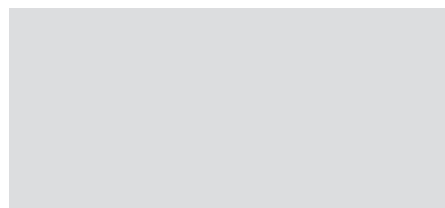
IE-7IC4x2xAWG23/1-PUR

with PUR cladding



IE-7IC4x2xAWG23/1-PVC

with PVC cladding



Technical specification

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Standard designations

fixed wiring
4x2xAWG 23/1, 4x2x0.255 mm²
0.58 mm
1.4 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil,
4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
8.2 mm
repeated 8xø, once only 4xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
02YSC11Y 4x2x0.58/1.4-100 GN FRNC PIMF

fixed wiring
4x2xAWG 23/1, 4x2x0.255 mm²
0.58 mm
1.4 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil,
4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
8.2 mm
repeated 8xø, once only 4xø
IEC 60332-1
no
good
good
-25 °C ... 75 °C
-25 °C ... 75 °C
-20 °C ... 60 °C
02YSC 4x2x0.58/1.4-100 GN FR PIMF

Note

Ordering data

Length
100 m
500 m
1000 m

Type	Qty.	Order No.
IE-7IC4x2xAWG23/1-PUR	1	8813140000
IE-7IC4x2xAWG23/1-PUR05	1	8843600000
IE-7IC4x2xAWG23/1-PUR10	1	8843610000

Type	Qty.	Order No.
IE-7IC4x2xAWG23/1-PVC	1	8813130000
IE-7IC4x2xAWG23/1-PVC05	1	8843580000
IE-7IC4x2xAWG23/1-PVC10	1	8843590000

Note

Accessories

Note

Connecting elements

Industry-grade patch cable

- Cat.6
- IP20 to IP20
- For direct connection of two components in switching cabinet

IE-6PC

Patch cable



IE-6COPC

Crossover patch cable



Technical specification

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Connectors

in the switching cabinet; in office environments
4x2xAWG 27/7; 4x2x0.1 mm²
0.43 mm
1.04 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
light grey (RAL 7035)
5.7mm ± 0.2mm
repeated 50mm; once only 25mm
IEC 60332-1
no
good
-20 °C ... 60 °C
0 °C ... 50 °C
0 °C ... 50 °C
IP20 - IP20

in the switching cabinet; in office environments
4x2xAWG 27/7; 4x2x0.1 mm²
0.43 mm
1.04 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
light grey (RAL 7035)
5.7mm ± 0.2mm
repeated 50mm; once only 25mm
IEC 60332-1
no
good
-20 °C ... 60 °C
0 °C ... 50 °C
0 °C ... 50 °C
IP20 - IP20

Note

Ordering data

Length
0.5 m
1 m
2 m
3 m
5 m
10 m

Type	Qty.	Order No.
IE-6PC05	1	8808830000
IE-6PC10	1	8808840000
IE-6PC20	1	8808850000
IE-6PC30	1	8808860000
IE-6PC50	1	8808870000
IE-6PC100	1	8808880000

Type	Qty.	Order No.
IE-6COPC05	1	8818620000
IE-6COPC10	1	8829460000
IE-6COPC20	1	8818630000
IE-6COPC30	1	8829470000
IE-6COPC50	1	8829480000
IE-6COPC100	1	8829490000

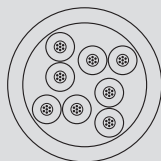
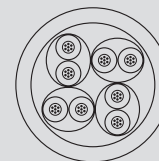
Note

Accessories

Note

Industry-grade system cable

- robust and suitable for industrial applications
- IP20 to IP20

IE-5CC26/7**Cat. 5 - PUR****IE-6CC26/7****Cat. 6 - PUR****Technical specification**

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Connectors

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP20 - IP20

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP20 - IP20

Note**Ordering data**

Length	
1 m	
2 m	
5 m	
10 m	
15 m	

Type	Qty.	Order No.
IE-5CC26/7-10U P20-P20	1	8829560000
IE-5CC26/7-20U P20-P20	1	8829590000
IE-5CC26/7-50U P20-P20	1	8829620000
IE-5CC26/7-100U P20-P20	1	8829650000
IE-5CC26/7-150U P20-P20	1	8829680000

Type	Qty.	Order No.
IE-6CC26/7-10U P20-P20	1	8829500000
IE-6CC26/7-20U P20-P20	1	8815050000
IE-6CC26/7-50U P20-P20	1	8815080000
IE-6CC26/7-100U P20-P20	1	8815110000
IE-6CC26/7-150U P20-P20	1	8829530000

Note**Accessories****Note**

Connecting elements

Industry-grade system cable

- robust and suitable for industrial applications
- IP20 to IP67

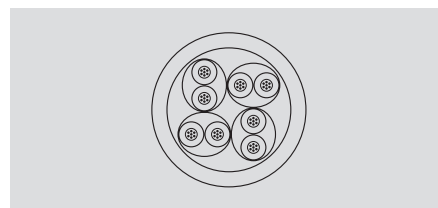
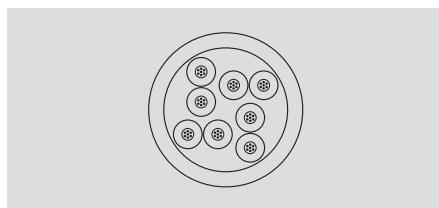
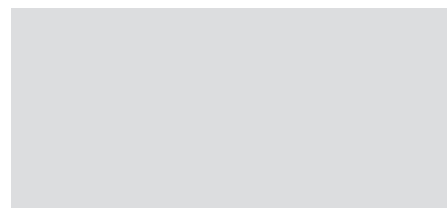
IE-5CC26/7

Cat. 5 - PUR



IE-6CC26/7

Cat. 6 - PUR



Technical specification

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Connector

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP20 - IP67

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP20 - IP67

Note

Ordering data

Length
1 m
2 m
5 m
10 m
15 m

Type	Qty.	Order No.
IE-5CC26/7-10U P20-P67	1	8829570000
IE-5CC26/7-20U P20-P67	1	8829600000
IE-5CC26/7-50U P20-P67	1	8829630000
IE-5CC26/7-100U P20-P67	1	8829660000
IE-5CC26/7-150U P20-P67	1	8829690000

Type	Qty.	Order No.
IE-6CC26/7-10U P20-P67	1	8829510000
IE-6CC26/7-20U P20-P67	1	8815060000
IE-6CC26/7-50U P20-P67	1	8815090000
IE-6CC26/7-100U P20-P67	1	8815120000
IE-6CC26/7-150U P20-P67	1	8829540000

Note

Accessories

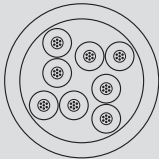
Note

Industry-grade system cable

- robust and suitable for industrial applications
- IP67 to IP67

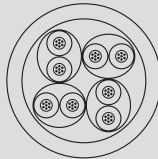
IE-5CC26/7

Cat. 5 - PUR



IE-6CC26/7

Cat. 6 - PUR



Technical specification

Application
Cross-section
Copper diameter
Wire insulation diameter
Core/Lay-up

Shielding
Sheathing colour
Cladding diameter
Bending radius, min.
Resistance to spread of flame
Free from halogens
Resistance to oils
Abrasion resistance
Operating temperature, min.-max.
Storage temperature, min.-max.
Installation temperature, min.-max.
Connector

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP67 - IP67

occasional movement
4x2xAWG 26/7, 4x2x0.128 mm²
0.48 mm
0.98 mm
Wires twisted together to form pairs,
every pair shielded,
laminated with aluminium foil, 4 pairs twisted together,
tinned copper braiding
S/FTP
green (RAL 6018)
6.1 - 6.7 mm
repeated 10xø, once only 5xø
IEC 60332-1
IEC 60754-2
good, according to IEC 60811-2-1
very good
-40 °C ... 75 °C
-40 °C ... 75 °C
-20 °C ... 60 °C
IP67 - IP67

Note

Ordering data

Length
1 m
2 m
5 m
10 m
15 m

Type	Qty.	Order No.
IE-5CC26/7-10U P67-P67	1	8829580000
IE-5CC26/7-20U P67-P67	1	8829610000
IE-5CC26/7-50U P67-P67	1	8829640000
IE-5CC26/7-100U P67-P67	1	8829670000
IE-5CC26/7-150U P67-P67	1	8829700000

Type	Qty.	Order No.
IE-6CC26/7-10U P67-P67	1	8829520000
IE-6CC26/7-20U P67-P67	1	8815070000
IE-6CC26/7-50U P67-P67	1	8815100000
IE-6CC26/7-100U P67-P67	1	8815130000
IE-6CC26/7-150U P67-P67	1	8829550000

Note

Accessories

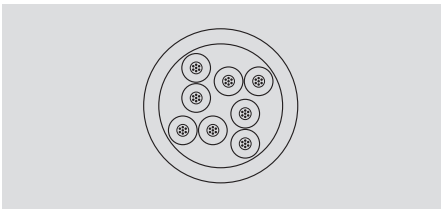
Note

Industry-grade, suitable for moving
cable carriers connecting cable

- Cat.5
- PUR

IE-5TC26/7

IP67 to IP67



Technical specification

Application	constant movement
Cross-section	4x2xAWG 26/7, 4x2x0.128 mm²
Copper diameter	0.5 mm
Wire insulation diameter	0.95 mm
Core/Lay-up	Wires twisted together to form pairs, 4 pairs twisted together
Shielding	SF/UTP
Sheathing colour	green (RAL 6018)
Cladding diameter	6,8
Bending radius	7.5x max.Ø
Resistance to spread of flame	IEC 60332-1-2
Free from halogens	Free from halogens
Resistance to oils	good
Abrasion resistance	very good
Operating temperature, min.-max.	-40 °C ... 80 °C
Storage temperature, min.-max.	-40 °C ... 80 °C
Installation temperature, min.-max.	-20 °C ... 60 °C
Standard designations	LI9Y(ST)C11Y 4X2X0.14 VZN GN
Connector	IP67 - IP67

Note

Ordering data

Length	Type	Qty.	Order No.
1 m	IE-5TC26/7-10U P67-P67	1	8829710000
2 m	IE-5TC26/7-20U P67-P67	1	8829720000
5 m	IE-5TC26/7-50U P67-P67	1	8829730000
10 m	IE-5TC26/7-100U P67-P67	1	8829740000
15 m	IE-5TC26/7-150U P67-P67	1	8829750000
20 m	IE-5TC26/7-200U P67-P67	1	8829760000

Note

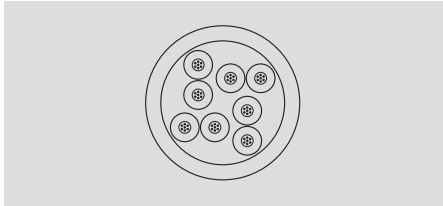
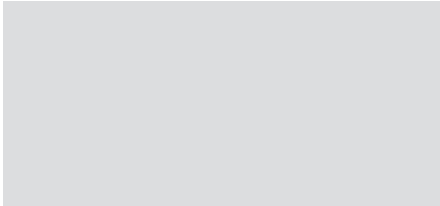
Accessories

Note

Industry-grade, suitable for moving cable carriers connecting cable

- Cat.5
- PUR

IE-5TC4x2xAWG27/7



Technical specification

Application	constant movement
Cross-section	4x2xAWG 26/7, 4x2x0.128 mm²
Copper diameter	0.5 mm
Wire insulation diameter	0.95 mm
Core/Lay-up	Wires twisted together to form pairs, 4 pairs twisted together
Shielding	SF/UTP
Sheathing colour	green (RAL 6018)
Cladding diameter	6,8
Bending radius	7.5x max.Ø
Resistance to spread of flame	IEC 60332-1-2
Free from halogens	Free from halogens
Resistance to oils	good
Abrasion resistance	very good
Operating temperature, min.-max.	-40 °C ... 80 °C
Storage temperature, min.-max.	-40 °C ... 80 °C
Installation temperature, min.-max.	-20 °C ... 60 °C
Standard designations	LI9Y(ST)C11Y 4X2X0.14 GN
Connector	

Note

Ordering data

Length	Type	Qty.	Order No.
100 m	IE-5TC4x2xAWG26/7-PUR	1	8813210000

Note

Accessories

Note