

bus cable for ET connection M8, assembled on both ends with 2x M8 connectors, 4-pole, shielded length 0.19 m



General information			
Product type designation		Bus cable	
Product description		Flexible cable (4-core), preassembled at both ends with 2x M8 plugs, 4-pin, shielded	
Suitability for use		for connecting ET-CONNECTION nodes (e.g. SIMATIC ET 200AL) in degree of protection IP65 / 67	
Degree and class of protection			
IP degree of protection		IP65/67	
Ambient conditions			
Ambient temperature during assembly, min.		-30 °C	
Ambient temperature during assembly, max.		80 °C	
Ambient temperature during storage/transportation			
• min.		-40 °C	
• max.		80 °C	
Cables			
Cable designation		2Y(ST)CY 1x4x0.5/1.0-100-GN	
Design of shield		Overlapped aluminum-clad foil, sheathed in a braid of tin-plated copper wires	
Cable length		0.19 m	
Number of electrical cores		4	
Outer diameter of inner conductor		0.5 mm	
Outer diameter of core insulation		1 mm	
Outer diameter of cable sheath		5 mm	
Number of bending cycles		1 000 000; cable carrier compliant for 1 million bending cycles with a bending radius of 100 mm, a speed of 4 m/s and an acceleration of 4 m/s ²	
Permissible bending radius, single bend, min.		20 mm	
Permissible bending radius, multiple bends, min.		40 mm	
Bending radius for continuous bending		100 mm	
Color of cable sheath		green	
Color of core insulation of data cores		white / yellow / blue / orange	
Weight per length		34 kg/km	
Mechanics/material			
Outgoing feeder type		180° cable outlet	
Material of cable sheath		PVC	
Material of core insulation		PE	
Material property			
• Halogen-free		No	
• Silicone-free		Yes	
Classifications			
		Version	Classification

eClass	14	27-24-22-20
eClass	12	27-24-22-20
eClass	9.1	27-24-22-20
eClass	9	27-24-22-20
eClass	8	27-24-92-05
eClass	7.1	27-24-92-05
eClass	6	27-24-92-05
ETIM	10	EC000237
ETIM	9	EC000237
ETIM	8	EC000237
ETIM	7	EC000237
IDEA	4	3553
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)

[Miscellaneous](#)

[China RoHS](#)

last modified:

4/4/2025 