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Pushing Performance
Since 1945

M12 D-cod 4-pol st/st m/m PUR 10.0m



Image is for illustration purposes only. Please refer to product description.

Part number	21 40 303 0445 100
Specification	M12 D-cod 4-pol st/st m/m PUR 10.0m

Identification

Category	System cabling
Series	Circular connectors M12
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	M12 D-coding Male Straight Overmoulded
Connector 2	M12 D-coding Male Straight Overmoulded
Type of cable	Copper cable (round)

Version

Cable length	10 m
Number of cores	4
Core structure	4x AWG 22/7
Shielding	Shielded
Coding	D-coding

Technical characteristics

Rated voltage	48 V AC 60 V DC
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s

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Technical characteristics

Limiting temperature	-40 ... +70 °C unmoved -20 ... +60 °C moved
Cable diameter	6.5 mm ± 0.2 mm
Minimum bending radius	3x Cable diameter (singular bending) 7x Cable diameter (repeated bending)
Drag chain compatible	Yes
Bending cycles	≥ 3.000.000 @ 7x Cable diameter & traversing distance ≤ 0.2 m & speed ≤ 4 m/s & acceleration ≤ 4 m/s²

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Green

Specifications and approvals

Specifications	UN/ECE-R 118 fire protection for rolling stock

Commercial data

Packaging size	1
Net weight	690.32 g
Country of origin	Germany
European customs tariff number	85444290
GTIN	5713140807006
ETIM	EC002599
eCl@ss	27060390 Ready-made data cable (unspecified)

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