

CABLE 456-500M

PROFIBUS Cable – PUR Cable Jacket

Features



- Jacket material: PUR, 2 × 22 AWG
- Jacket color: violet
- UL approval
- End open
- Open end
- Cable length: 500 m

Cable Cross-Section



Technical data

Type	CABLE 456-500M
ID	6604296
Number of pins	2
Cable	
Network protocol	PROFIBUS-DP, 456
Cable diameter	Ø 7.9 mm ±0.30
Cable length	500 m
Cable jacket	PUR, Violet
Shielding	Aluminum foil, tinned copper wire
Core insulation	PE
Core cross-section	2 x 0.34 mm²
Arrangement of strands	19 x 0.15 mm
Core colors	GN, RD
Electrical properties at +20 °C	
Rated voltage	250 V
Current	4 A
DC resistance (loop)	50 Ω/km
Nom. impedance	150 Ω (1 MHz)
Nom. capacitance	29.53 pF/m
Mechanical and chemical properties	
Bending radius (stationary installation)	≥ 5 x Ø
Bending radius (flexible use)	≥ 15 x Ø
Ambient temperature (fixed)	-40...+80 °C
Ambient temperature (mobile)	-40...+80 °C
Other Features	
Qualified for drag chain use	no
Halogen-free	no

Technical data

UV resistance	yes
Flame-retardant	yes
Approvals	UL CSA