

Design Quick Strip = Fast Connect compatible

Description

150 Ohm Profibus cable for fixed installation, frequency up to 20 MHz.



Standards

International EN 50170



Halogen free
No



Cable flexibility
18xD



Operating temp. range
-5 .. 60 °C



Fire retardant
No

Characteristics

Construction characteristics	
Conductor material	Bare copper
Inner sheath	PVC
Outer sheath	PVC
Sheath colour	Violet - RAL 4005
Insulation	Foamed PE
Screen	Tinned copper braid
Covering	Plastic-foil
Halogen free	No
Dimensional characteristics	
Copper content	26 kg/km
Nominal outer diameter	7.8 mm
Approximate weight	70 kg/km
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	55 Ohm/km
Insulation resistance	1 GOhm.km
Impedance 3-20 MHz	150 Ohm
Precision of the characteristic impedance	15 +/- Ohm
Test voltage AC at 50hz conductor /conductor	1500 V
Test voltage AC at 50hz conductor/screen	1500 V
Transmission characteristics	
Attenuation at 4MHz	22 dB/km
Attenuation at 16 Mhz	42 dB/km
Mechanical characteristics	
Cable flexibility	18xD
Usage characteristics	
Operating temperature, range	-5 .. 60 °C
Fire retardant	No