



Data and communication cable Dataflex ATEX Cat5e

Application	: Data communication cable for use in ATEX applications
TECHNICAL DATA	: 0100151
Remarks	: Per pair shielded with foil with drain wire AWG24/19 underneath. Each pair colour coded white and blue, each pair has a jacket in flame retardent PVC, grey with numberprinting.
Number of cores	: 8
AWG-size	: 26
Stranding element	: Pairs
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Core insulation material	: Polyethylene (PE)
Core identification	: Colour
Stranding	: Other
Material outer sheath	: Polyurethane (PUR)
Screen over stranding element	: Foil
Screen over stranding	: Braiding
Halogen free (acc. IEC 60754-2)	: Yes
Longitudinal water blocking	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Radial water blocking	: No
Low smoke (acc. IEC 61034-2)	: No
Protective sheath	: Polyurethane (PUR)
Low smoke (acc. BS EN 61034-2)	: No
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: No
Colour outer sheath	: Black
Permitted cable outer temperature during assembling/handling	: -5°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -5°C to 70°C
Category	: 5E
Flame retardant	: In accordance with EN 60332-1-2
Circuit integrity	: No
Number of stranding elements	: 4
Outer diameter approx.	: 7.2mm
Outdoor use permitted	: No
UV resistant	: No
Armouring/reinforcement	: None
Conductor surface	: Bare
AWG size	: 26
Specification core insulation	: Polyethylene (PE)
	: No



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Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Round
Oil resistant (acc. EN 60811-404)	: No
Underground installation	: No
	: No
	: No
	: Yes
	: Yes