

Data and communication cable Highflex PUR-PBT-CKY



Application	: Highly flexible cable. Because of its special construction perfect for use in cable chains. Type CKY is a twisted pair version. The core insulation can deviate, see technical data for details.
TECHNICAL DATA	: 0151070
Remarks	: Very good oil and petrol resistance. Halogen free. Excellent wear and tear resistance. Flame retardant according to VDE 0482 T. 265-2-1. Grey=RAL7001, Orange=RAL2003, Black=RAL9005.
Dimension	: 4 x 2 x 0.75
Stranding element	: Pairs
Conductor material	: Copper, bare
Conductor category	: Class 6 = very flexible
Core insulation material	: Copolymer, thermoplastic
Core identification	: Colour
Stranding	: Bundle
Material outer sheath	: Polyurethane (PUR)
Screen over stranding element	: None
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
Low smoke (acc. BS EN 61034-2)	: No
Armouring	: No
Oil resistant (acc. IEC 60811-404)	: Yes
Colour outer sheath	: Black
Permitted cable outer temperature during assembling/handling	: -30°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -50°C to 90°C
Flame retardant	: In accordance with EN 60332-1-2
Bending radius	: 86mm
Number of stranding elements	: 4
Outer diameter approx.	: 8.6mm
Outdoor use permitted	: No
UV resistant	: Yes
Armouring/reinforcement	: None



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Conductor surface	: Bare
	: No
Longitudinal water blocking cable	: No
Radial water blocking cable	: No
	: Round
Oil resistant (acc. EN 60811-404)	: Yes
Min. permitted bending radius, moving application with forced guidance	: 86mm
Min. permitted bending radius, moving application/free movement	: 86mm
Min. permitted bending radius, stationary application/permanent installation	: 86mm
Underground installation	: No
	: No
	: No
	: Yes
	: Yes