

Characteristics			
Type of cable		General use cables XZCPV and XZCRV See pages 12 to 17	High performance cables XZCP and XZCR See pages 18 to 31
Ambient air temperature			
	For operation	°C - 25...+ 80	- 40...+ 80 for static cable - 5...+ 80 for flexing cable
	For storage	°C - 55...+ 80	- 40...+ 80
Colour		Grey, with metric connector Yellow, with imperial connector	Matt black
Material			
	Sheath	PVC (polyvinyl chloride)	PUR (polyurethane)
	Conductor insulation	PVC (polyvinyl chloride)	PP (polypropylene)
Manufacturing method		Without silicone and without demoulding agent	Without silicone and without demoulding agent
Nominal voltage		V ~ 250, --- 300	320, conforming to DIN VDE 0110 (III/3)
Insulation voltage		kV 2.5	2.5
Flame resistance		VW-1 conforming to UL758	UL-FT2
Environmental resistance		Conditions of use where not continuously immersed	Resistant to: - hydrocarbons - mineral or synthetic oils at 90°C, conforming to DIN/EN 60811-2-1
Bending radius		Static: 10 x external diameter	Static: 10 x external diameter
Resistance to flexing		-	4 million operations at 20°C, in the following conditions: - minimum radius 10 x D - pitch 10 m - speed: 3 m/s - acceleration: 10 m/s ²
Tensile strength		N/mm ² 10	20...45
Hardness		70 +/- 5 shore A	80 +/- 5 shore A