



Rep	Components description	Dia.mm	Features
1	9 x 1.5 mm ² extra flexible plain copper cores TPE-E insulated (2.3 mm), twisted in 3 triads	5	<p><u>Electrical characteristics</u></p> <p>0.25 mm² conductors' operating voltage : 250 V Other conductors' operating voltage : 600 V 0.25 mm² conductors' linear resistance ≤ 84.5 Ω / Km 0.5 mm² conductors' linear resistance ≤ 42.9 Ω / Km 1 mm² conductors' linear resistance ≤ 21.5 Ω / Km 1.5 mm² conductors' linear resistance ≤ 14.6 Ω / Km 6 mm² conductors' linear resistance ≤ 3.47 Ω / Km</p> <p>Plastic fibers :</p> <p>Optical loss ≤ 300 dB / Km at 660 nm</p> <p><u>General characteristics</u></p> <p>Operating temperature : - 30 to + 70 °C</p> <p>Static bending radius ≥ 150 mm Dynamic bending radius ≥ 300 mm</p> <p>Linear weight : 0.75 Kg / m</p> <p>Outer diameter : 23.5 ± 0.5 mm</p> <p>Color coding :</p> <p>0.25 mm² : (white - brown) (Green - yellow - grey) 0.5 mm², 0.75 mm², 1 mm² et 1.5 mm² : white with numbers 6 mm² : G/Y Black outer sheath</p> <p>UL style : 20940 80 °C / 600V</p>
2	2 optical plastic fibers, UL 1581, style N°5312	6.2	
3	9 x 1 mm ² extra flexible plain copper cores TPE-E insulated (2 mm), twisted in 3 triads	4.3	
4	3 x 0.25 mm ² extra flexible tinned copper cores TPE-E insulated (1.3 mm), twisted in triad	2.7	
5	2 x 0.25 mm ² extra flexible tinned copper cores TPE-E insulated (1.3 mm) + 4 x 0.5 mm ² extra flexible tinned copper cores TPE-E insulated (1.5 mm) + 3 fillers twisted around the 0.25 mm ² triad, under protective tape	5.7	
6	4 x 1.5 mm ² extra flexible plain copper cores TPE-E insulated (2.3 mm), twisted in 2 pairs	4.6	
7	2 x 6 mm ² extra flexible plain copper cores TPE-E insulated (4.3 mm)		
8	Filler		
9	Assembling tape	19.3	
10	Overall screen as a braid of 0.20 mm tinned copper wires Protective tape	20.2	
11	Polyurethane outer sheath	23.5	

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Revision	Date	Revision Description	Written by	VISA	Checked by	VISA

