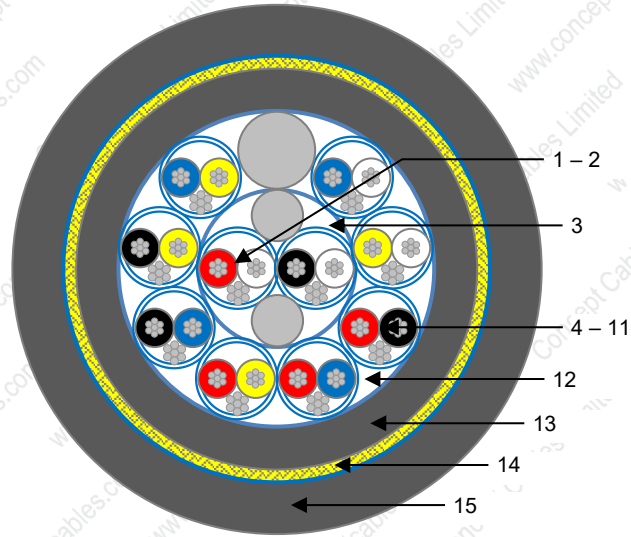


Part No: 000634



No	Description	Colr	Dia mm
1 2	2 Position Screened Twisted Pairs 0.22mm ² (7/0.20mm) Tinned Copper Polyolefin Insulated 1.20mm 2 no twisted together with Tinned Copper drain wire in 1 interstice. Overall helical 12/23µm Al/PET foil screen, minimum overlap 50% Overall contra-helical 23µm PET Isolation tape, minimum overlap 50%	RD/WH BK/WH	2.40

No	Description	Colr	Dia mm
3	Primary Lay Up Items 1 – 2 twisted together with fillers in interstices as required for roundness. Overall PET binding tape, minimum overlap 30%.	N/A	4.90
4 5 6 7 8 9 10 11	8 Position Screened Twisted Pairs 0.22mm ² (7/0.20mm) Tinned Copper Polyolefin Insulated 1.20mm 2 no twisted together with Tinned Copper drain wire in 1 interstice. Overall helical 12/23µm Al/PET foil screen, minimum overlap 50% Overall contra-helical 23µm PET Isolation tape, minimum overlap 50%	BU/WH YW/WH RD/BK RD/BU RD/YW BK/BU BK/YW BU/YW	2.40
12	Secondary Lay Up Items 4 – 11 cabled around item 3 with filler as required for roundness.	N/A	9.80
13	Bedding Polyether Polyurethane 85 Shore A UL94 V-2 Flame Retardant Halogen Free 1.35mm nom RTI	BK	12.50
14	Strength Member Vectran Fibre Braid. Minimum 79,900 dTex Overall helical PET binding tape, minimum overlap 30%	N/A	13.30
15	Jacket Polyether Polyurethane 85 Shore A UL94 V-2 Flame Retardant Halogen Free 1.60mm nom RTI	BK	16.50 +/- 0.40

Notes	
Electrical Characteristics	
Maximum Conductor Resistance	101.4 Ω/KM @ 20°C
Minimum Insulation Resistance	
Core – Core	>900 MΩ/KM @ 1000V
Core – Screen	>500 MΩ/KM @ 1000V
Screen – Screen	>10 MΩ/KM @ 1000V
Max Recommended Voltage	500 V
Mechanical Characteristics	
Maximum Operating Temp	
Static	+90°C
Dynamic	+80°C
Cold Flex Temp	-40°C
Minimum Break Load	1400 KGF
Recommended Safe Work Load	350 KGF
Min Recommended Bend Radius	
Static	100mm
Dynamic	180 mm
Nominal Weight	
In Air	226 KG/KM
In Sea Water @ SG 1.025	7 KG/KM

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TITLE	20C-10STP-PU-SB-PU 16.50 BK
DESCRIPTION	
CUSTOMER	

01	Add Part Number	DK	08/04/21	CH	08/04/21	SW	14/04/21
00	Quotation	NE	19/02/20	DK	19/02/20		
ISSUE	DESCRIPTION	DRWN	DATE	CKD	DATE	APPD	DATE