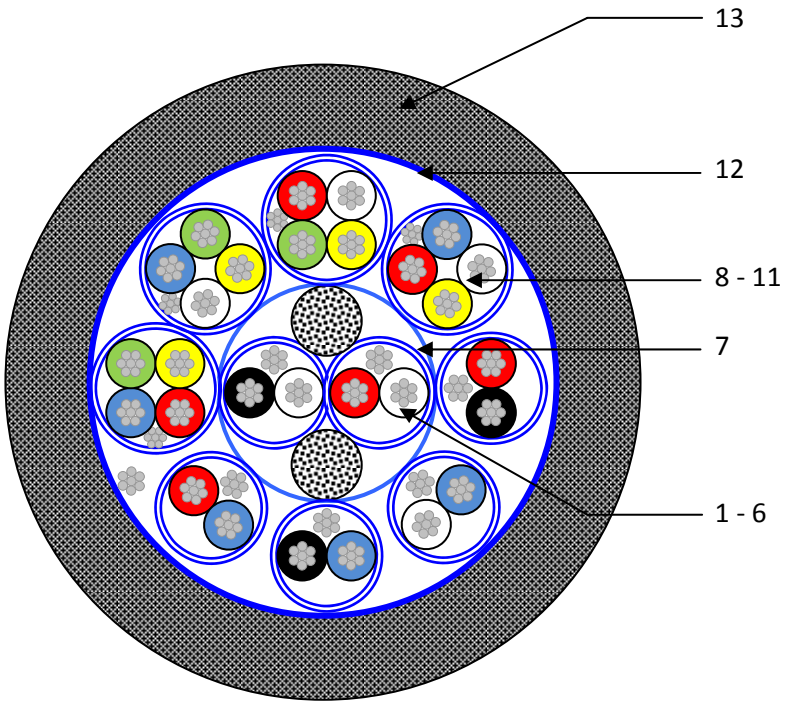
PART NO: XX-8006

TITLE: Underwater Data Cable



No	Details	Colr	Dia
1 2 3 4 5 6	**6 Position 0.34mm² Pairs** 7/0.25mm Tinned Copper HDPE Insulated, 0.27mm Nominal RTI 2 no twisted together with 1 no 7/0.25mm Tinned Copper Drain Wire in an interstice 12/23µM Ali/Poly Foil Screen 23µM Polyester Insulation Tape	BK/WH RD/WH RD/BK BU/WH BU/BK BU/RD	2.80
7	**Central Lay-Up** Items 1 and 2 cabled together with 2 no fillers in interstices and 23µM Polyester Binding Tape	N/A	5.75
8 9 10 11	**4 Position 0.34mm² Quads** 7/0.25mm Tinned Copper HDPE Insulated, 0.27mm Nominal RTI 4 no twisted together with 1 no 7/0.25mm Tinned Copper Drain Wire in an interstice. 12/23µM Ali/Poly Foil Screen 23µM Polyester Insulation Tape	RD/BU/ GN/YW BU/GN/ YW/WH GN/YW/ WH/RD YW/WH/ RD/BU	3.30
12	**Lay-Up** Items 3 – 6 and Items 8 – 11 cabled together around Item 7 with 1 no 7/0.25mm Tinned Copper Drain wire in an interstice. 12/23µM Ali/Poly Foil Screen	N/A	12.40
13	**Jacket** Polyurethane 4350 2.20mm Nominal RTI 87 Shore A	BK	16.80 +/- 0.75

Notes	
Maximum Conductor Resistance	57 Ω/KM
Minimum Insulation Resistance	
Core – Core	>500 MΩ
Core – Screen	>250 MΩ
Screen – Screen	> 10 MΩ
Maximum Operating Temp	
Static	+80°C
Dynamic	+60°C
Cold Flex Temp	-40°C
Minimum Recommended Bend Radius	
Static	110mm
Dynamic	170mm
Calculated Weight in Air	306 KG/KM
Calculated Weight in Sea Water	79 KG/KM

RoHS COMPLIANT 2002/95/EC

ISSUE	DESCRIPTION	DRWN	DATE	APPD	DATE

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