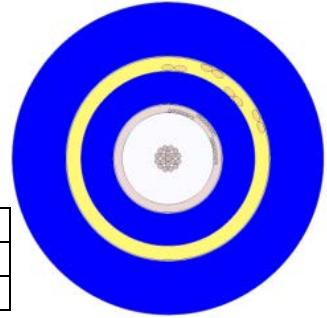


CRE14166



Issue	Date	Approved	Note
1	10/02/14	PM	Initial release Page 1.
2	18/02/16	PM	Update strain relief data & weights

DESCRIPTION

50 ohm hydrophone tow cable for use in marine environments

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	DCR @ 20oC [Ω/Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.48sqmm Insulated Core	1	19/0.18 mm TC	42	9.6	2.95

CONSTRUCTION

50Ω RG 58 style coaxial

Core colour	Natural
Insulation	Polyethylene
V of P %	67 %
Dielectric diameter	2.95mm
Braided Screen	0.127mm TC >95% optical coverage
Sheath	HDPE blue
Diameter	5.6mm nominally
Strain Relief	Vectran Braid
Jacket	Polyurethane 85 Shore 'A' Hardness
Colour	Blue
Radial Wall Thickness	1.5 mm nominal
Diameter	10.0mm +/-0.3mm
Print	Black ink jet print as per customer requirement on order

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	126 Kgs/Km
Cable Weight in Sea Water	45 Kgs/Km
SWL	>500Kgs
Breaking Strain	>1500Kgs
Bend Radius	5X Diameter Static 10X Diameter Dynamic
RoHS compliant	