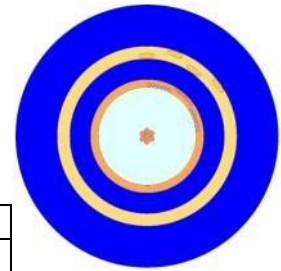


CRE14186



Issue	Date	Approved	Note
1	21/05/14	PM	Initial release

DESCRIPTION

RG59 Hybrid construction manufactured with stranded bare copper conductor and an overall polyurethane jacket for use in marine applications

Product Details

Component Description	Material	Property	Diameter [mm]
Conductor	7/0.2mm BC	DCR = 84Ω/Km	0.60mm
Insulation	Polyethylene	66% V of P	3.55mm
Braided Copper Screen	0.15mm BC	>95% Coverage	4.20mm
Bedding	Polyurethane	0.75mm Radial	5.70mm
Strain Relief	Vectran	300Kgs BS	6.60mm
Jacket	Polyurethane	1.5mm Radial	9.60mm

Electrical Characteristics @20°C

Capacitance	67.0	pF/metre
Impedance	75.0	ohms
Inductance	0.38	uH/metre

CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	93 Kgs/Km
Cable Weight in Water	20.6 Kgs/Km
Strain Relief	>300 Kgs
Bend Radius Static	6X Diameter
Bend Radius Dynamic	10X Diameter