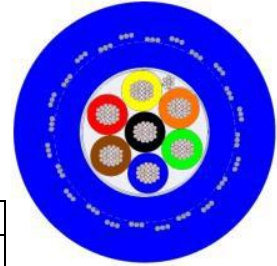


# CRE14199



Issue	Date	Approved	Note
1	09/06/14	PM	Initial release

## DESCRIPTION

Armoured multicore power cable for use in marine applications.

## Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [ $\Omega$ /Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
0.75sqmm Insulated Core	7	24/0.2mm BC	26	9.1	2.0mm

## CONSTRUCTION

### **0.75mm<sup>2</sup> Cores**

Colours	Yellow, Orange, Green, Blue, Brown, Red, Black
Insulation	High Density Polyethylene
Insulation Diameter	2.0mm

### **Cable Assembly**

Cable Layer 1	Yellow, Orange, Green, Blue, Brown, Red cabled around Black central core
Lay Direction	Left Hand Lay
Binder	Polyester Tape
Drainwire	7/0.2mm TC
Foil Screen	Aluminium /Polyester Laminate 100% Coverage
Bedding Layer	HF Polyurethane 85 Shore A Hardness
Colour	Blue
Radial Wall Thickness	1.2mm nominal
Diameter	8.7mm +/- 0.3mm
Armour	0.25mm Galvanised steel wire braid
Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue
Radial Wall Thickness	1.4mm nominal
Diameter	12.5mm +/- 0.3mm

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	216 Kgs/Km
Cable Weight in Water	91 Kgs/Km
Bend Radius Static	7X Diameter
Bend Radius Dynamic	15X Diameter