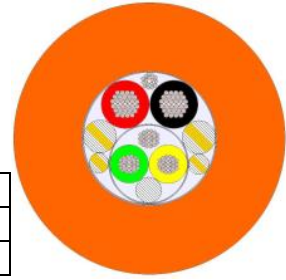


CRE16444-2



Issue	Date	Approved	Note
1	24/10/16	PM	Initial release
2	09/01/17	PM	Include foil screen and drainwire

DESCRIPTION

Data, Power composite cable for use in subsea and similar applications.

Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Nominal DCR @ 20oC [Ω /Km]	Weight Kgs/Km]	Nominal Diameter [mm]
0.75mm ² Insulated Core	2	24/0.2mm TC	25.7	8.93	1.95mm
1.34mm ² Insulated Core	2	30/0.24mm TC	20.7	16.65	2.50mm

CONSTRUCTION

0.75mm² Twisted Pairs

Colours	Yellow, Green
Insulation	High Density Polyethylene
Insulation Diameter	1.95mm
Drainwire	24/0.2mm TC
Foil Screen	Aluminium Polyester Laminate
Coverage	>100%
Isolation	Bonded Polyester Layer
Nominal Diameter	4.10mm

1.34mm² Power Cores

Colours	Red Black
Insulation	High Density Polyethylene
Insulation Diameter	2.50mm

Cable Assembly

Construction	1 x 0.75mm ² Data Pair cabled with 2 x 1.34mm ² Power cores with water blocking filler & Vectran Strain relief as required & wrapped with a water blocking barrier tape
Drainwire	0.34mm ² TC
Foil Screen	Aluminium Polyester
Nominal Diameter	7.3mm
Outer jacket	HF Polyurethane
Colour	Orange
Nominal Diameter	14.3mm nominal

CABLE CHARACTERISTICS

Cable Weight in Air	223 Kgs/Km
Cable Weight in Water	60Kgs/Km
Operating Temperature	-40°C to +80°C
Bend Radius Static	7X Diameter
Bend Radius Dynamic	15x Diameter
Breaking Load	>150Kgs
RoHS Compliance	YES