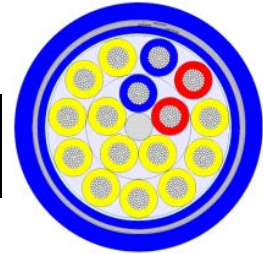


# CRE15319



Issue	Date	Approved	Note
1	24/06/15	PM	Initial release
2	03/0/15	PM	Replace aramid braid with GSW braid

## DESCRIPTION

GSWB Armoured multicore cable for use in subsea applications.

## Product Details (Insulated Cores)

Component Description	Qty	Conductor Stranding	Max DCR @ 20oC [ $\Omega$ /Km]	Weight [Kgs/Km]	Nominal Diameter [mm]
4.00mm <sup>2</sup> Insulated Core	16	56/0.3mm TC	4.9	46.2	4.3mm

## CONSTRUCTION

### 4.00mm<sup>2</sup> Cores

Colours	12 x Yellow, 2 x Red, 2 x Blue
Insulation	High Density Polyethylene
Insulation Diameter	4.30mm

### Cable Assembly

Central Filler	Solid
Cable Layer 1	3 x Yellow, Red, Blue, Right Hand Lay
Barrier	Water swellable tape 100% Coverage
Cable Layer 2	9 x Yellow, Red, Blue, Left Hand Lay
Barrier	Water swellable tape 100% Coverage
Bedding Layer	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	1.20mm nominal
Diameter	22.7mm +/-0.5mm
Armour	GSW braid
Optical Coverage	>80%
Barrier	Water swellable tape > 100% coverage
Bonded Outer Sheath	HF Polyurethane 85 Shore A Hardness
Colour	Blue - RAL5015
Radial Wall Thickness	2.00mm nominal
Diameter	28.0mm +/-0.5mm

## CABLE CHARACTERISTICS

Operating Temperature	-40°C to +80°C
Cable Weight in Air	1201 Kgs/Km
Cable Weight in Water	560 Kgs/Km
Bend Radius Static	7X Diameter
Bend Radius Dynamic	15X Diameter