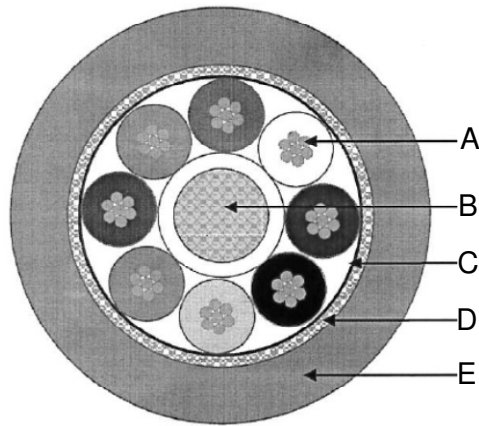


Type: MAC CA8SC1 (D1082)

**8 x 0.20mm² Conductors
+ 1 x Central Strain Member + Tinned Copper Wire Braid
+ Polyurethane Jacket**



Date: 16/03/2018
Prepared by: CM

Construction Characteristics

- (A) 8x 0.20mm² Conductors** (24 AWG (7/0.20mm) TC, HDPE Insulated to 0.32mm RTI)
- (B) Central Strain Member** (13,000 dTex Aramid Fibre Yarn, HDPE Jacketed to 2.10mm)
- (C) Lay-Up** (Items 1 - 8 cabled around central strain member with overall helical 23µm PET separation tape, Minimum overlap 35%)
- (D) Tinned Copper Wire Braid** (75% Min. Optical Coverage)
- (E) Polyurethane Jacket** (UL94 V-2 Flame Retardent, Halogen Free, 1.00mm RTI)

Mechanical Characteristics

Outer Diameter	:	7 mm
Weight in air	:	64 kg/km
Weight in seawater (S.G. 1.026)	:	24 kg/km
Minimum Bend Radius (static)	:	30 mm
Minimum Bend Radius (dynamic)	:	70 mm
Operating Temperature	:	-40°C + 80°C

Electrical Characteristics

Max Recommended Voltage	:	500 Volts
Maximum Conductor Resistance	:	92.6 Ohms/km
Insulation Resistance (Core to Core)	:	>900 M/Ohms/km
Insulation Resistance (Core to Screen)	:	>500 M/Ohms/km