

Subconn PUR cable

Type: P/HFCX50/6C20#



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 Prepared by LMR
 Approved by KL

Construction Characteristics

Coax	0,36 mm ² (22 AWG) 7 strand tinned copper conductor (1 ea)
Insulation	Polyolefin dielectric to 2,3 mm nominal OD
Screen	Braid (95% coverage braid made from tin-plated copper wires. Flooded with elastomeric water block compound and wrapped with aluminium-foil tape in contact with braid.
Inner jacket	Thermoplastic elastomer, 0,5 mm
Conductor	0,50 mm ² (20 AWG) stranded tinned copper conductors insulated with polypropylene (6 ea)
Filler	Filler for roundness
Waterblock	Elastomeric compound in interstices
Binder	Polyester tape wrap
Outer jacket	Polyurethane jacket, Ultramarine blue, nominal wall thickness 1,3 mm Marking: "Subconn P/HFCX50/6C20"

Mechanical Characteristics

Diameter	9,7 ± 0,4 mm
Weight in air	119 kg/km
Weight in seawater	45 kg/km
Min bending radius	100 mm
Max depth rating	7000 m
Operating temperature range	-20°C - +70°C

Electrical and Physical Characteristics

Operating voltage	≤600 VDC
Coax DC resistance @ 20°	≤54,5Ω/km (0,36 mm ² conductor) ≤21Ω/km (screen)
Capacitance conductor to screen	30 pF ± 10 pF/m
Attenuation	6,50 dB/100 m @ 10 MHz 23 dB/100 m @ 100 MHz 98,4 dB/100 m @ 1 GHz