

Subconn PUR cable

Type: P/HFCX75/6C20#



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 Prepared by LMR
 Approved by KL

Construction Characteristics

Conductor	Coax, 0,14 mm ² (26 AWG) 7-strand bare copper conductor (1 ea)
Insulation	Polyolefin dielectric to 2,7 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, 0,4 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, Ultra marine blue 85A, nominal wall thickness 1,2 mm Print in white: SUBCONN P/HFCX75/6C20#

Mechanical Characteristics

Diameter	9,8 ± 0,4 mm
Weight in air	122 kg/km
Weight in seawater	45 kg/km
Min bending radius	102 mm
Max depth rating	7000 m
Operating temperature range	-20°C - +80°C

Electrical and Physical Characteristics

Operating voltage	≤600 VDC
DC resistance @ 20°	≤128Ω/km (0,14 mm ² conductor) ≤18Ω/km (screen) ≤33Ω/km (0,50 mm ² conductor)
Capacitance conductor to screen	65 pF ± 10 pF/m
Attenuation	5,25 dB/100 m @ 10 MHz 16,7 dB/100 m @ 100 MHz 45,9 dB/100 m @ 750 MHz 65,6 dB/100 m @ 1,5 GHz
Impedance	75Ω