



Mono-conductor wireline 5/16''

Construction

1.Copper construction	19X0.37mm	19x0.0145''
2.FEP insulation	0.60mm	0.0236''
OD	3.05mm	0.12''
3.ETFE Insulation	0.42mm	0.0165''
OD	3.90mm	0.1535''
Armor :4.Inner	12x1.11mm(1980N)	12x0.044''(446lbs)
5.Outer	18x1.11mm(1980N)	18x0.044''(446bs)

OD. of cable	8.18mm ± 0.127mm	0.322'' ± 0.005''
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Weight in Air	281kg/km	189lbs/kft
Temperature Rating	-50~204°C	-58~400 ° F
1hr.Max Temp	-60~232°C	-76~450 ° F

Mechanical

Cable Breaking strength	55kN	12300lbs
Cable Working Tension	27.5kN	6200lbs
Minimum sheave Diameter	450mm	18''
Cable stretch Coefficient	1.35m/km/5kN	1.2ft/kft/klbs

Electrical

Voltage Rating	1500VDC	1500VDC
Min.Insulation Resistance	450 M Ω /km @ 500VDC	1476M Ω .kft@ 500VDC
At 20°C DC resistance Typical	9.2 Ω /km	2.8 Ω /kft
At 20°C DC Armor resistance	7.5 Ω /km	2.3 Ω /kft
Capacitance @1kHz	155pf/m	47pf/ft

Remark : two armoured layer with anti-corrosion oil