



Mono-conductor wireline 7/32''

Construction

1.Copper construction	19X0.30mm	19x0.0118''
2.FEP insulation	0.30mm	0.0118''
OD	2.10mm	0.0827''
3.ETFE Insulation	0.30mm	0.0118''
OD	2.70mm	0.1063''
Armor :4.Inner	12x0.79mm(960N)	12x0.031''(216lbs)
5.Outer	18x0.79mm(960N)	18x0.031''(216bs)

OD. of cable	5.69mm ± 0.127mm	0.224'' ± 0.005''
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Weight in Air	144kg/km	97lbs/kft
Temperature Rating	-50~232°C	-58~450 ° F
1hr.Max Temp	-60~260°C	-76~500 ° F

Mechanical

Cable Breaking strength	25kN	5600lbs
Cable Working Tension	12.5kN	2800lbs
Minimum sheave Diameter	350mm	14''
Cable stretch Coefficient	2.8m/km/5kN	2.5ft/kft/klbs

Electrical

Voltage Rating	1200VDC	1200VDC
Min.Insulation Resistance	450 M Ω /km @ 500VDC	1476M Ω .kft@ 500VDC
At 20°C DC resistance Typical	13.5 Ω /km	4.1 Ω /kft
At 20°C DC Armor resistance	14.8 Ω /km	4.5 Ω /kft
Capacitance @1kHz	197pf/m	60pf/ft

Remark : two armoured layer with anti-corrosion oil