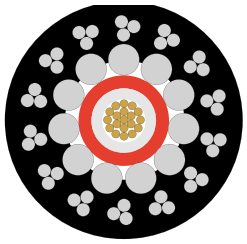
1Q36-EHS ECOSEAL®

0.359" (9.12 mm)
MONOCONDUCTOR



PROPERTIES

Cable Diameter	0.359" +0.004" - 0.002"	(9.12mm +0.10mm -0.05mm)
Cable Armor Diameter	0.315" +0.005" - 0.002"	(8.00mm +.13mm -0.05mm)
Minimum Sheave Diameter	26"	(66 cm)
Cable Stretch Coefficient	1.55 ft/Kft/Klbs	(1.74 m/Km/5KN)
Cable Coefficient of Friction	0.2	

ELECTRICAL

Maximum Conductor Voltage	1,500 VDC	
Conductor AWG Rating	15	
Minimum Insulation Resistance	1,500 MegaΩ/Kft @ 1,000 VDC	(457 MegaΩ/Km @ 1,000 VDC)
Armor Electrical Resistance	4.5 Ω/Kft	(14.76 Ω/Km)

MECHANICAL

Cable Breaking Strength			
Ends Fixed	9,000 lbs	(40.0 KN)	Nominal
Maximum Suggested Working Tension	5,000 lbs	(22.2 KN)	
Number and Size of Wires			
Inner Armor	11 x 0.0470"	(1.194 mm)	
Outer Armor	14 x 3W Strand .0430"	(1.092 mm)	
Average Wire Breaking Strength			
Inner Armor	542 lbs	(2.4 KN)	
Outer Armor	191 lbs	(0.85 KN)	

Cable Type	Core Description										Cable Weight	
	Temperature Rating °F / °C			Plastic Type	Insulation Thickness	Copper Construction	Res Typical	Cap. Typical	O.D. Each	Jacket O.D. M-ETFE	in Air	in H_2O
	1 hr. Max Temp	8 hr. Max Temp	Cont. Max Temp		in mm	in mm	Ω/Kft Ω/Km	pf/ft pf/m	in mm	in mm	lbs/Kft Kg/Km	
1Q36PTZ-EHStZ4	**400** 204	**375** 191	**350** 177	**FEP** / **ETFE**	**0.0135** 0.343 / **0.019** 0.483	**19x0.0142** 19x0.361	**2.8** 9.2	**54** 177	**0.098** 2.489 / **0.136** 3.454	**0.356** 9.042	**171** 232	**141** 168

- The EcoSeal® features an "inside out" polymer-filled technology consisting of a homogenous outer armor and jacketing layer, utilizing a proprietary polymer.
- Core assembly – Copper strand consists of nineteen wires around one center wire. Conductor resistance is measured at 68 °F.
- The temperature rating assumes a normal gradient for both temperature and weight.
- All values shown are nominal or typical values.
- Not recommended for use in any sour and / or corrosive environment.