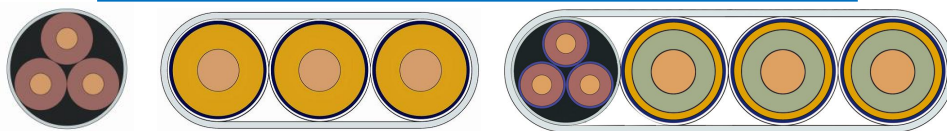


ESP Cable Solutions Co.,Ltd



SENSOR CABLE SPECIFICATION

16AWG SINGLE CONDUCTOR ALLOY 825 STEEL TUBE

SQUARE ENCAPSULATION 35,000 PSI SYSTEM

INSULATION: FEP(T-01) INSULATION

JACKET: MODIFIED POLYPROPYLENE MATERIAL

TUBE: 1/4" x 0.035" ALLOY 825

ENCAPSULATION: PVDF MATERIAL,11mm×11mm

A.	16#AWG Tinned Solid Copper Conductor: OD 1.29mm (0.05 ") Nominal
B.	FEP INSULATION:OD 2.61mm (0.1027 ") Nominal
C.	RED MODIFIED PP JACKET: OD 4.57mm (0.178 ") Nominal
D.	ALLOY 825 STEEL TUBE:WALL THICKNESS:0.889mm(0.035 "),OD 6.35mm(0.250 ") Nominal
E.	PVDF MATERIAL ENCAPSULATION: MAJOR*MINOR:11mm*11mm, YELLOW COLOR

PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE		psi
CABLE WEIGHT	220	kg/km
TEMPERATURE RATING	150	°C
BREAKING STRENGTH		KN/m
MIN. BENDING RADIUS		mm

ELECTRICAL CHARACTERISTICS	DATA VALUES	
DC RESISTANCE AT 20°C CENTER COND.		ohms/km
DC RESISTANCE AT 150°C CENTER COND.	.	ohms/km
TUBE LINEAR RESISTANCE	.	ohms/km
CAPACITANCE CERTER COND. TO TUBE AT 20°C		pf/m
INSULATION RESISTANCE AT 20°C CENTER CONDUCTOR TO TUBE		Megohm-km

