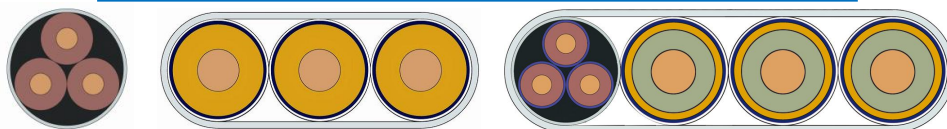


ESP Cable Solutions Co.,Ltd



Tubing Encapsulated Cable

18AWG MONOCONDUCTOR

STAINLESS STEEL TUBE ROUND TYPE TEC CABLE

INSULATION: FEP(T-01) INSULATION

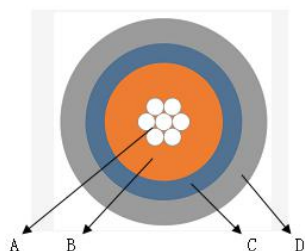
JACKET: MODIFIED POLYPROPYLENE MATERIAL

TUBE: 4mm 316L STAINLESS STEEL

A.	18#AWG 7/0.39mm Tinned Stranded Copper Conductor: OD 1.20mm±0.01mm (0.047 " ±0.00039 ") Nominal
B.	FEP(T-01) Insulation, Insulation Thickness: 0.30mm(0.011 "), OD 1.80mm±0.04mm (0.07 " ±0.00275 ") Nominal
C.	PP Jacket, Jacket Thickness: 0.35mm(0.013 "), OD 2.48mm±0.00mm (0.097 " ±0.00000 ") Nominal
D.	316L Stainless Steel Tube: Wall Thickness:0.76mm(0.029 "), OD 4.00mm±0.05mm (0.157 " ±0.00196) Nominal

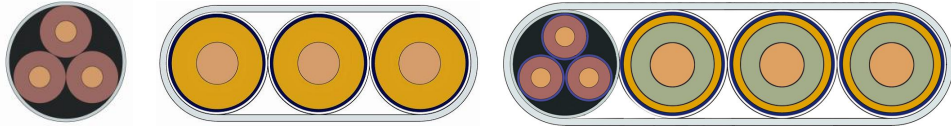
PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE		Mpa
MIN. BENDING DIAMETER	200	mm
TENSILE FORCE		KN
RATED OPERATION TEMPERATURE	150	°C

ELECTRICAL CHARACTERISTICS	DATA VALUES	
DC RESISTANCE AT 20°C CENTER COND.		ohms/km
STAINLESS TUBE DC RESISTANCE AT 20°C		ohms/km
VOLTAGE RATING AC	1000	V
INSULATION RESISTANCE AT 20°C CENTER CONDUCTOR TO TUBE		MΩ/km
CAPACITANCE, CENTER COND. TO TUBE(800-1000Hz)		Pf/m



For more details, please contact inquiry@escablesolutions.com

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Packing Pictures for Capillary Tubing



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