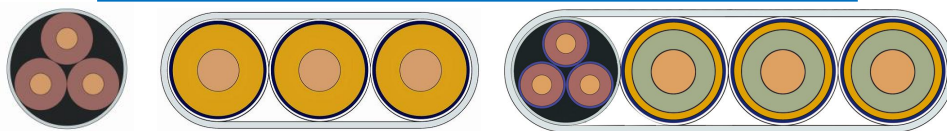


ESP Cable Solutions Co.,Ltd



TEC SPECIFICATION

Type: 1/4" 0.028" WT A825 T-01 Insulation 18AWG Stranded, Tin Coated, Encapsulated
18AWG TEC 16,000 PSI SYSTEM
INSULATION: T-01 INSULATION
JACKET: P-06 MATERIAL
TUBE: 1/4" x 0.028" A825 STAINLESS STEEL TUBE
ENCAPSULATION: MODIFIED POLYPROPYLENE, 11MM SQUARE
OUTER COLOR: YELLOW

A.	18#AWG 7×0.39mm Tinned Stranded Copper Conductor: OD 1.16mm Nominal
B.	FEP, T-01 INSULATION: OD 2.49mm Nominal, Natural
C.	PP, P-06 JACKET: OD 4.92mm Nominal, Red
D.	A825 STAINLESS STEEL TUBE: WALL THICKNESS: 0.71mm(0.028"), OD 6.35mm(0.250") Nominal
E.	POLYPROPYLENE ENCAPSULATION: 11mm*11mm

PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE	32000	psi
RATED WORKING PRESSURE	16000	psi
TENSILE STRENGTH MIN.	11	KN
CABLE WEIGHT	218	kg/km
TEMPERATURE RATING	150	°C

ELECTRICAL CHARACTERISTICS	DATA VALUES	
CENTER COND. DC RESISTANCE AT 20°C	23.00 Max	ohms/km
STAINLESS TUBE DC RESISTANCE AT 20°C	62.0 Max	ohms/km
VOLTAGE RATING DC	1000	VRMS
CAPACITANCE CERTER COND. TO TUBE	84 Nominal	pf/m
INSULATION RESISTANCE AT 20°C CENTER CONDUCTOR TO TUBE	3196 Min	megohm-km

