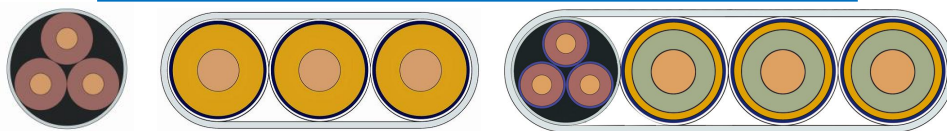


# ESP Cable Solutions Co.,Ltd



## TEC SPECIFICATION

**Type: ¼" 0.035" WT A825 T-01 Insulation 16AWG Stranded, Tin Coated, Encapsulated**  
**16AWG TEC 17,500 PSI SYSTEM**  
**INSULATION: T-01 INSULATION**  
**JACKET: P-06 MATERIAL**  
**TUBE: 1/4" x 0.035" A825 STAINLESS STEEL TUBE**  
**ENCAPSULATION: MODIFIED POLYPROPYLENE, 11MM SQUARE**  
**OUTER COLOR: YELLOW**

<b>A.</b>	16#AWG 7×0.487mm Tinned Stranded Copper Conductor: OD 1.47mm Nominal
<b>B.</b>	FEP, T-01 INSULATION: OD 2.60mm Nominal, Natural
<b>C.</b>	PP, P-06 JACKET: OD 4.572mm Nominal, Red
<b>D.</b>	A825 STAINLESS STEEL TUBE: WALL THICKNESS: 0.889mm(0.035"), OD 6.35mm(0.250") Nominal
<b>E.</b>	POLYPROPYLENE ENCAPSULATION: 11mm*11mm

PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE		psi
RATED WORKING PRESSURE		psi
TENSILE STRENGTH MIN.		KN
CABLE WEIGHT	227	kg/km
TEMPERATURE RATING	150	°C

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

