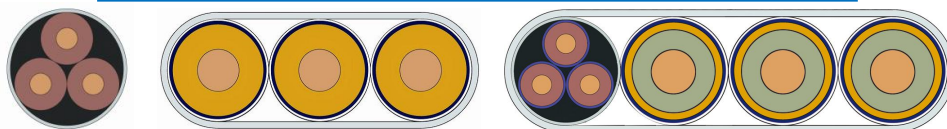


# ESP Cable Solutions Co.,Ltd



## TEC SAMPLES SPECIFICATION

### 18AWG TEC CABLE

INSULATION: **FEP INSULATION**

JACKET: **PP MATERIAL**

TUBE: **1/4" x 0.035" 2205 DUPLEX STEEL TUBE**

<b>A.</b>	18#AWG Tinned Copper conductor: OD 1.02mm Nominal
<b>B.</b>	FEP INSULATION: OD 2.32mm Nominal
<b>C.</b>	PP JACKET: OD 4.572mm Nominal
<b>D.</b>	2205 DUPLEX STEEL TUBE: WALL THICKNESS: 0.889mm(0.035"), OD 6.35mm(0.250") Nominal TOLERANCE ACCORDING TO ASTM A789 WELDED TEST ACCORDING TO ASTM A1016

PHYSICAL CHARACTERISTICS	DATA VALUES	
EXTERNAL COLLAPSE PRESSURE		MPa
CABLE WEIGHT	149	kg/km
TEMPERATURE RATING	150	°C

ELECTRICAL CHARACTERISTICS	DATA VALUES	
CENTER COND. DC RESISTANCE AT 20°C		ohms/km
CENTER COND. DC RESISTANCE AT 150°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

