

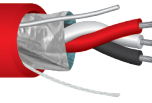
# PART NUMBER 1803SP-FEP-RED

PLENUM RATED DATA COMMUNICATIONS CABLE

OIL SUN RES GAS RES

SUITABLE FOR WET LOCATIONS

GAS/VAPOR TIGHT JACKET



## CABLE SPECIFICATIONS

<b>DESCRIPTION</b>	18 AWG, 3 conductor shielded plenum rated cable constructed with stranded tinned copper, FEP insulation, an aluminum/mylar shield with a stranded tinned copper drain wire and an overall FEP jacket for data communications/security applications manufactured in the USA and (UL) listed CMP c(UL)us 200 deg. C, FT-6
<b>CONDUCTOR</b>	18 AWG, 19 Strand Annealed Tinned Copper
<b>INSULATION</b>	Wall FEP 0.007"
<b>COLOR CODE</b>	Black/Red/White
<b>LAY LENGTH</b>	2.00" LHL, Nominal
<b>SHIELD</b>	Aluminum/Mylar Tape - 100% coverage
<b>DRAIN WIRE</b>	20 AWG 7 Strand Tinned Copper (ripcord included)
<b>JACKET</b>	Wall Gas/Vapor-Tight FEP 0.014"
<b>JACKET COLOR</b>	Red Jacket
<b>MARKING</b>	E102194 CL2P (UL) 18 AWG 200 C. CMP C(UL) US ROHS OIL SUN RES GAS RES SUITABLE FOR WET LOCATIONS GAS/VAPOR-TIGHT FEP JACKET
<b>OVERALL DIAMETER</b>	.161" Nom.
<b>CABLE WEIGHT</b>	33 lbs/Mft.
<b>CAPACITANCE</b>	51 pF/ft Conductor to Conductor 97 pF/ft Conductor to Shield
<b>IMPEDANCE</b>	28 Ohms Velocity of Propagation = 71%
<b>DC RESISTANCE</b>	6.1 Ohms per 1000 ft. at 20 deg. C
<b>TEMPERATURE RATING</b>	-80 deg C to 200 deg C
<b>VOLTAGE RATING</b>	300V

## INDUSTRY STANDARDS

**AGENCY APPROVALS** UL listed as Type CMP c(UL) us 200 deg. C, FT-6  
All material used in the manufacture of this cable are ROHS compliant  
All specified parameters are nominal and subject to verification.



All specifications referenced are nominal measurements unless otherwise noted.