AEROSPACE WIRE & CABLE INC.
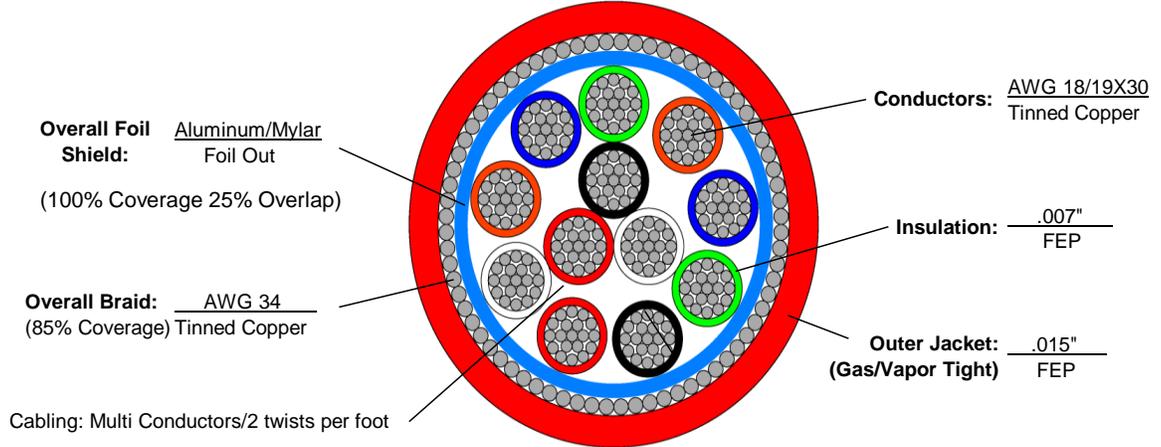*Manufacturers of High Temperature Wire & Cable*

RoHS Compliant · UL · c UL

Aerospace Part#: 1154/19r | **MULTI CONDUCTOR PLENUM CABLE**

Color Code
Black
White
Red
Green
Orange
Blue
White/Black
Red/Black
Green/Black
Orange/Black
Blue/Black
Black/White

Overall Foil Shield: Aluminum/Mylar Foil Out
(100% Coverage 25% Overlap)

Overall Braid: AWG 34
(85% Coverage) Tinned Copper

Cabling: Multi Conductors/2 twists per foot

Conductors: AWG 18/19X30 Tinned Copper

Insulation: .007" FEP

Outer Jacket: (Gas/Vapor Tight) .015" FEP

* Image is for reference only

PHYSICAL PROPERTIES

Conductors / Insulation

# Conductors	AWG	Material	Material	Wall	Finished OD
12	18/19x30	Tinned Copper	FEP (Fluorinated Ethylene Propylene)	.007"	.061"

Outer Shield Material / Outer Braid Material

Layer 1 Type	Material	Coverage	Layer 1 Type	AWG	Coverage
Overall Foil Shield	Aluminum / Mylar	100%	Overall Tinned Copper Braid	34	85%

Outer Jacket Material

Jacket Material	Color	Wall	Overall O.D.	
FEP (Fluorinated Ethylene Propylene)	Red	.015"	.316" Nom.	

Cabling

Lay	Twists Per Ft	Diraction
6" Lay on Cable	2	Left Hand Lay

MECHANICAL PROPERTIES

Operating Temp	Total Weight	Bend Radius
Rated -80C to 200C	123 lbs / m	10 X OD

ELECTRICAL PROPERTIES

Max. Operating Voltage	Capacitance	Impedance	VP%	DC Resistance @ 20C
UL Rated 300V Power Ltd.	33 pF/ft Nom.	45 Ohm Nom.	69	5.8 Ohm/1000 ft

INDUSTRY APPROVALS AND COMPLIANCE

Standards & Environmental Programs

Reach / RoHS Compliant	Compliant EU Directive 2011/65/EU (ROHS II)
Suitability	Indoor, Direct Burial, Wet Location
Resistance	Oil, Gas, Vapor, Sunlight, Abrasian, Acid
Applications	Communications, Audio, Control, Instrumentation Remote, Signaling, Power-limited systems
Flame Test	NFPA 262 / FT6
NEC / (UL) Specification	CL2P / CMP
CEC / C (UL) Specification	CMP

MISCELLANEOUS

Markings: TYPE CL2P - TYPE CMP 18 AWG (UL), C(UL) FEP/FEP E130356 ROHS

Color Code: Black / White / Red / Green / Orange / Blue / White-Black / Red-Black / Green-Black / Orange-Black / Blue-Black / Black-White /

Contact Us For More Information

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LOW MINIMUM RUNS   QUICK TURNAROUNDS   CUSTOM CABLE SOLUTIONS   MADE IN USA

* Specification subject to error and may change without notice