

This specification describes a 24 AWG, 120-ohm balanced line cable.

CONDUCTOR

Material: Silver-coated High Strength Copper Alloy
Size: AWG 24
Construction: 19 x 36
OD(nom): .0233"

INSULATION

Material #1: Extruded Expanded PTFE
Material #2: Spiral-wrapped and fused PTFE Tape
OD(nom): 0.072"

CABLE

Two(2) insulated conductors are cabled together.

SHIELD

Material: Nickel-coated Round Braid
Coverage(min): 95%

JACKET

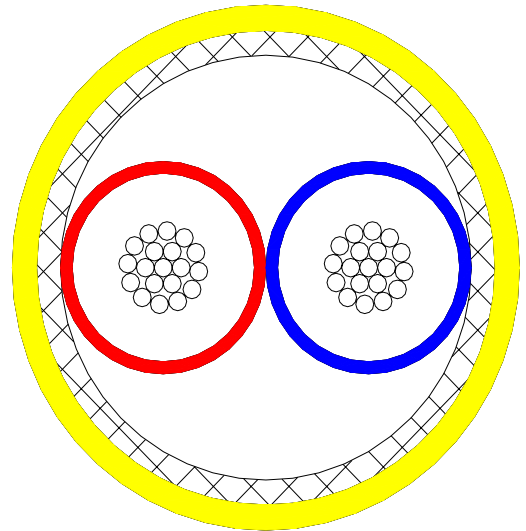
Material: Extruded Tefzel
OD(nom): .178"

CABLE CHARACTERISTICS

Impedance: 120 \pm 12 Ohms
Capacitance(nom): 11 pF/ft
Attenuation(nom): 1.0 dB/100ft @ 2 MHz
Velocity of Propagation(nom): 78%
Temperature Rating: -55°C to 150°C
Weight(max): 20.0 lbs/1,000 ft

COLOR

Red, Blue
Jacket: Trans. Yellow



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B	11/5/07	Corrected part number
A	6/12/07	Added drawing
IR	1/15/07	Initial Release

TENSOLITE COMPANY
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Drawn by: Chris Lowe *MCL* Date 11/5/07

Approved By: Sherry Condrey *SC* Date 11/5/07

Description:

120 OHM BALANCE LINE

Part Number:

24473/07004Z-2(LD)

CAGE Code

92607