

This specification describes a 22 AWG, 150-ohm full duplex cable in a quad configuration.

CONDUCTOR

Material: Silver-coated Copper
Size: AWG 22
Construction: 19 x 34
OD(nom): .0293"

INSULATION

Material: Composite of Expanded and Solid PTFE
Outer OD(nom): .089"

CABLE

Four(4) of the above insulated conductors are cabled around a filler.

OVERALL BINDER

Material: Expanded PTFE

OVERALL SHIELD #1

Material: Aluminum/Polyester Foil Tape

OVERALL SHIELD #2

Material: Silver-coated Round Copper Braid
Coverage(min): 90%

JACKET

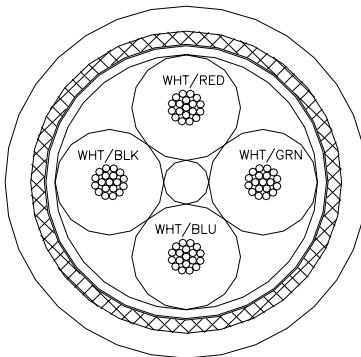
Material: FEP
OD(nom): .283"

CABLE CHARACTERISTICS

Differential Impedance: 150 ± 10 Ω
Capacitance(nom): 9 pF/ft
Time Delay(nom): 1.27 ns/ft
Velocity of Propagation(nom): 80%
Attenuation(nom): 9.0 dB/100' @ 531 MHz
13.0 dB/100' @ 1062 MHz
Within-pair skew(max): 175 ps/ 5 meters
Weight(nom): 51 lbs/1,000 ft

COLOR

Insulation: Pair #1: White/Red-White/Blue
Pair #2: White/Black- White/Green
Jacket: Translucent Yellow



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Drawn by: Chris Lowe Date 12/21/05

Approved By: Chris Lowe Date 12/21/05

Description:
150 Ω FULL DUPLEX CABLE

Part Number: 22480/02006X-4(LD) CAGE Code 92607

IR 12/21/05 Initial Release