

THERMAX/CDT

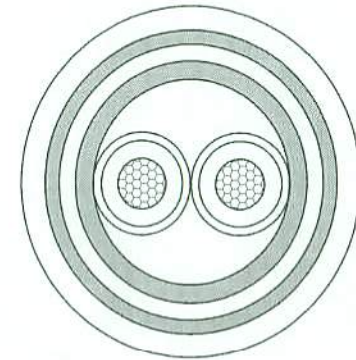
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Scope: This specification defines the characteristics for a low noise balanced line with 22 AWG teflon coated conductors, a noise barrier, double tin shields, and double FEP jackets.

Construction Details

		Diameter (inch)
		Nom.
Conductor	22 AWG 19 x 34 silver plated copper	.030
Insulation	Extruded polytetrafluoroethylene (PTFE) Colors: White Blue	.051 ± .002
Noise Barrier	Each conductor insulation wrapped with a PTFE/carbon tape	.061 ± .005
Cabling	Two insulated conductors cabled together with 1.25" nominal lay	.122
Inner Shield	38 AWG tin plated copper braid having 85% minimum coverage	.144 ± .010
Inner Jacket	Extruded fluorinated ethylene propylene (FEP) Color: White	.164 ± .010
Outer Shield	38 AWG tin plated copper braid having 85% minimum coverage	.181 ± .010
Outer Jacket	Extruded FEP Color: White	.210 ± .010
Identification	No marking required on cable	



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Properties

Temperature Rating	150°C (max.)
Voltage Rating	600 V rms
Dielectric Withstand	1,000 V rms
Noise Requirement (per MIL-C-17)	10 mV peak to peak
Weight	38 lbs./1,000 ft. (nom.)
Capacitance	30 pF/ft. (nom.)

FOR REFERENCE ONLY

Product Specification
784-2ZXEXE

Revisions			
Rev.	Description	Date	Approved
-	Initial release	05/09/00	JAD

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