

# Thermax

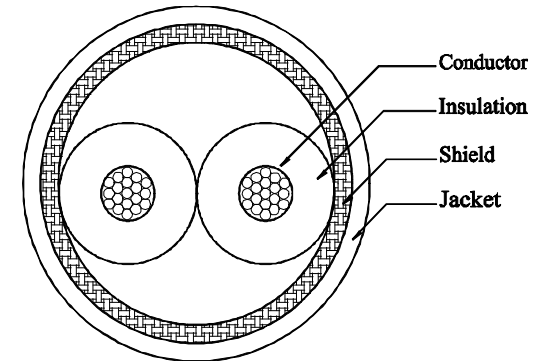
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Scope: This specification defines the characteristics for a fluoropolymer two conductor 24 AWG transmission pair.

## Construction Details

		Diameter (inch)	
		Min.	Max.
Conductor	24 AWG 19 x 36 stranding nickel plated copper alloy	.023	.025
Insulation	Extruded polytetrafluoroethylene (PTFE) Colors: Blue Blue/Brown	.042	.050
Cabling	Two insulated conductors cabled together		
Shield	Round Tin plated copper braid having 85% minimum coverage		
Jacket	Extruded fluorinated ethylene propylene (FEP) Color: White	.122	.140
Identification	Nomex marker tape under shield, or other approved methods. Legend "Thermax/CDT part number and cage code"		



## Properties

Temperature Rating	150°C
Characteristic Impedance	75 ohms ± 10%
Mutual Capacitance	20 pF/ft. ± 10%
Weight	13.5 lbs./1,000 ft. (max.)

**Non-Controlled Copy**

### Revisions

Product Specification			Rev.	Description	Date	Approved
<b>690-295</b>			B	Changed insulation OD, shield material, weight and impedance	04/14/97	JAD
			C	Issued new format	03/25/99	JAD
Prepared by	Date	Page	D	Added drawing	01/16/01	JAD
AK	05/02/02	1 of 1	E	Added cable temp rating	05/02/02	JAD
			F	Defined Shield	11/21/08	JAD

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Cage Code  
12814