

Thermax

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Scope: This specification describes a composite cable consisting of three 75 Ohm coax (Modified RG179 type), a separator, and an overall jacket..

Construction Details - Coax

Diameter (inch)

Nom.

Conductor	30 AWG 7 x 38 tin plated copper	.012
Dielectric	Extruded FEP, color natural	.063
Shield	38 AWG silver plated copper braid	.081
Jacket	Extruded FEP, color Translucent Brown	.100 +/- .005

Properties

Impedance	75 ± 3 ohms
Capacitance	19.2 pF/ft.
Attenuation @ 400 MHz	21.0 dB/100 ft. (max.)
Weight	10.8 lbs./1,000 ft. (max.)
Temperature	80C

Final Assembly

Cabling	Three coaxial cables are cabled together with three fillers for roundness	.215
Seperator	Polyester tape	.219
Jacket	Extruded Polyurethane, color Balck .039" nom wall thickness	.299
Idenification	None	

Packaging

82 ft minimum length, put up bulk spool

Non-Controlled Copy

	Cage Code 12814	Product Specification			Revisions			
		75XE-738ZSXE(3)MPU	Prepared by	Date	Page	Rev.	Description	Date
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