

Ficient Int'l Co., Limited

Address: 3-1-1701 Chuan Shui Yuan, Sui Jiang Rd, Hexi Dist., Tianjin 300221 China

Tel/Fax: +86 22 28287095

Cell: +86 13820587585

Email: ficient2012@gmail.com

Skype: ficient2012

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Product Catalog

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>> BASIC CONSTRUCTION

Nominal Dimensions	40% Braid Coverage	60% Braid coverage	90% Braid coverage
Conductor	1.13mm	1.13mm	1.13mm
Dielectric	4.80mm	4.80mm	4.80mm
Shielding 1	Al /Pet foil	Al /Pet foilBonded	Al /Pet foil
Shielding 2	0.12mm*64 (40% coverage)	0.12mm*96 (60% coverage)	0.12mm*168 (90% coverage)
Jacket	6.70mm	6.91mm	6.91mm
Messenger	1.3mm Zinc plated steel		

>> Mechanical Characteristics

Mechanical Breaking Strength of Messenger 0.051 inch 185lbs. 823 N

>> Electrical Characteristics

Impedance (Ohms)	75 ± 3
Nominal Capacitance (pF/m)	53
Velocity of Propagation	85%
Structural return loss (Db) ≥	VHF 23
	UHF 20

>> Attenuation [@68F.(20Degree centigrade)]

Frequency MHz	dB/100 M
5	1.50
50	4.30
200	8.40
400	12.00
800	17.50
950	19.20
1350	23.30
2150	30.50

