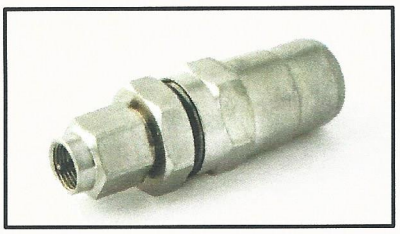
Praesto, October 9, 2013

RF Measurement of D015-FM



Hardline Connector D015 – F male.

	Better than	
Return Loss of Assembly	-35.5 dB	5 MHz – 500 MHz
	-31.2 dB	500 MHz – 860 MHz
	-31.1 dB	860 MHz – 1000 MHz
	-24.5 dB	1000 MHz – 1750 MHz
	-25.0 dB	1750 MHz – 2150 MHz
	-17.6 dB	2150 MHz – 3000 MHz
Gated Return Loss of Connector	-30.6 dB	5 MHz – 500 MHz
	-40.1 dB	500 MHz – 860 MHz
	-40.1 dB	860 MHz – 1000 MHz
	-36.0 dB	1000 MHz – 1750 MHz
	-33.4 dB	1750 MHz – 2150 MHz
	-27.4 dB	2150 MHz – 3000 MHz
Insertion Loss of Assembly	-0.06 dB	5 MHz – 500 MHz
	-0.08 dB	500 MHz – 860 MHz
	-0.09 dB	860 MHz – 1000 MHz
	-0.13 dB	1000 MHz – 1750 MHz
	-0.13 dB	1750 MHz – 2150 MHz
	-0.17 dB	2150 MHz – 3000 MHz
CPD	≤ -110 dBc	
Transfer Impedance	0.49 mΩ/m	5 MHz – 30 MHz
Screening Attenuation	-112.8 dB	30 MHz – 1.000 MHz
	-113.0 dB	1.000 MHz – 2.000 MHz
	- 99.7 dB	2.000 MHz – 3.000 MHz
Screening Class	A++	EN 50117

Measurement setup:

Nm-Ff – **DUT – 1.0 m Cable – DUT** – Nm-Ff

Cable used in measurements: DRAKA COAX 4 CT 22 S

Return Loss, Insertion Loss and Shielding are measured with Rohde & Schwarz ZNB8 Network Analyzer, according to IEC standards.

CPD (Common Path Distortion) are measured with hp Spectrum Analyzer hp 8591E, according to SCTE standard.

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