

DATASHEET



Connector type	IEC male compression
Part Number	DY1-69
Plating	Nickel-Tin

CHARACTERISTICS

Electrical Specifications

Characteristic Impedance	75Ω
Frequency Range	5-1218 MHZ
Screening Effectiveness	30-1000 MHZ ≥105 dB 1000-1218MHZ ≥95 dB
Return Loss	5-1000 MHZ ≥17 dB 1000-1218 MHZ ≥15 dB
Insertion Loss	5-1218 MHZ ≥0.3 dB
Transfer Impedance	5-30 MHZ < 0.3 mOhm/con
Tension Test	245 N

Test Instruments

Network Analyzer	
Brand	Agilent
Model No.	8753ES
Serial No.	MY40002028
MADE IN MALAYSIA	

Coupling Measuring system

Brand	Rosenberger
Model No.	CoMet 40
Serial No.	/

Materials and Plating

Item	Material	Plating
Body	Brass CuZn 39Pb3	Nickel-Tin
Inner conductor	Beryllium copper	Nickel-Tin
O-ring	/	/
Insulator	PTFE	

Environmental

Temperature Range	-40°~+60°
Watertightness	IP67
ROHS	FULL

JIANGSU DONGYUAN ELECTRONICS TECHNOLOGY CO., LTD.
江苏东源电子科技有限公司

徐卫华

DATASHEET



Connector type	IEC female compression
Part Number	DY1-70
Plating	Nickel-Tin

CHARACTERISTICS

Electrical Specifications

Characteristic Impedance	75Ω
Frequency Range	5-1218 MHZ
Screening Effectiveness	30-1000 MHZ≥85dB 1000-1218MHZ ≥75dB
Return Loss	5-1000 MHZ ≥17 dB 1000-1218 MHZ ≥15 dB
Insertion Loss	5-1218 MHZ≥0.3dB
Transfer Impedance	5-30 MHZ < 0.3 mOhm/con
Tension Test	220 N

Test Instruments

Network Analyzer	
Brand	Agilent
Model No.	8753ES
Serial No.	MY40002028
MADE IN MALAYSIA	

Coupling Measuring system

Brand	Rosenberger
Model No.	CoMet 40
Serial No.	/

Materials and Plating

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