
TECHNICAL SPECIFICATION

1. GENERAL

1.1 Scope

Product Name	Part Number
Splitter 4, 698-3800MHz	103000051

2. CONSTRUCTION and PARAMETERS

2.1 Product Dimensional Drawings

N-Female	
DIN 7-16 Female	
4.3-10 Female	

2.2 Electrical Specifications

Description	Splitter 4, 698-3800MHz		
Frequency Range (MHz)	698-3800		
Connector Type	N-Female	DIN 7-16 Female	4.3-10 Female
Split Loss (dB)	≤ 6.45	≤ 6.45	≤ 6.45
Insertion Loss (dB)	≤ 0.4	≤ 0.4	≤ 0.4
VSWR (dB)	≤ 1.3	≤ 1.3	≤ 1.3
Power Capacity (Watt)	200		
Intermodulation IM3 (dBc)	$\leq -150(3^{\text{rd}} \text{ order}, 2 \times 20\text{W})$		
Impedance (Ohm)	50		

2.3 Physical Specifications

Connector Type	N-Female	DIN 7-16 Female	4.3-10 Female
Number of Input Ports	1	1	1
Number of Output Ports	4	4	4
Splitter Weight (kg)	0.20	0.36	0.26

2.4 Environmental Specifications

Storage Temperature (°C)	-20 ~ +65
Operating Temperature (°C)	-20 ~ +65
Relative Humidity (%)	5 ~ 95
IP Rating	IP65