

300W Directional Coupler(698-3800MHz, -150dBc, IP65)



Tone Spread
Solutions for Wireless Signal

Telecommunication Technology & Engineering Accessories

Rev.V1.0

General Description

300W Directional Coupler (698-3800MHz, -150dBc, IP65)

Features & Benefits

- Guaranteed PIM Compliance
- Wide Frequency Band Covering 698-3800MHz
- Low Insertion Loss
- Low VSWR
- Indoor/Outdoor Using IP65
- Available with Type N, 7/16DIN or 4.3/10 Connectors

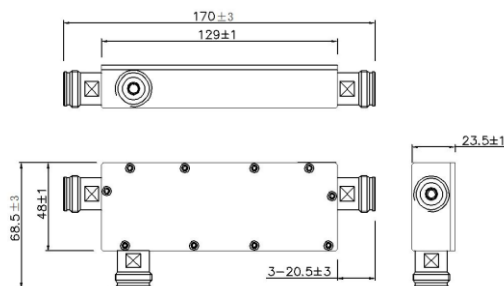


Electrical & Mechanical Specifications

Model No.	TS-DC-XX-638-150-NF TS-DC-XX-638-150-DF TS-DC-XX-638-150-4F (XX means coupling in dB)							
Coupling(dB)	5	6	7	10	13	15	20	30
Accuracy(dB)	±0.9	±0.9	±1.0	±1.2	±1.2	±1.2	±1.3	±1.5
Insertion Loss(dB)	≤2.3	≤1.8	≤1.5	≤1.0	≤0.6	≤0.5	≤0.35	≤0.3
Isolation(dB)	≤23	≤24	≤25	≤28	≤31	≤33	≤38	≤48
Freq(MHz)	698-3800MHz							
VSWR	≤1.30							
PIM Rating(dBc)	-150dBc@2x43dBm(698-2700MHz)							
Power Rating(W)	300W (average Per Port)							
Impedance	50 ohm							
Connector	N/DIN/4.3-10 -female							
Color	Black							
Operating Temperature(°C)	-25° C to +75° C							
Weight(kg)	0.82							
Package Size (mm)	265*80*40							

Mechanical Drawing

±3



Dimensions in mm