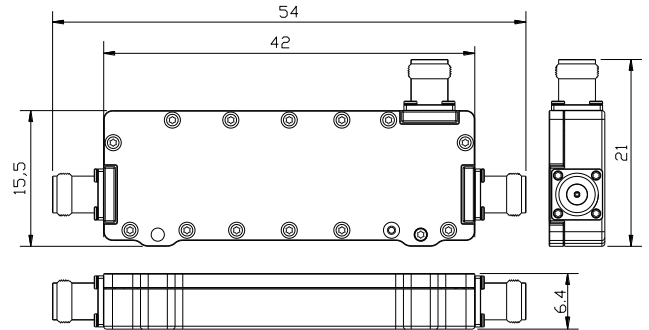


Very Low PIM Directional Coupler 698-2700 MHz

(6, 7, 10, 15, 20, 30 and 40dB types)
Model No: DC727-X



Technical Specification

Type No.	DC825-6	DC825-7	DC825-10	DC825-15	DC825-20	DC825-30	DC825-40
Coupling value	6dB	7dB	10dB	15dB	20dB	30dB	40dB
Frequency range	698-2700 MHz						
Distributing loss/dB	1.26	1	0.45	0.25	0.15	0.1	0.06
Insert loss/dB	0.5	0.5	0.5	0.3	0.3	0.3	0.3
Total insert loss / dB including distributing loss	1.76	1.5	0.95	0.55	0.45	0.4	0.36
Isolation	≥25	≥25	≥30	≥30	≥40	≥40	≥50
Coupling deviation /dB	±0.6	±0.6	±1	±1	±1	±1.5	±1.5
VSWR	1.25:1						
Power Handling	N type:300W; DIN type:500W						
Passive intermeditation (PIM)	160dBc (3 rd order; with 2x20W)						
Material:	Housing: Aluminum Inner conductor: Brss						
DC capability:	DC transmission only between input and port P1 P2 is coupled capacitively						
Mounting	Backed for wall mounting included in the scope Of supply For pipe mast mounting use clamps listed below (order separately)						
Environmental conditions	IP 66						



EMTS Telecom Services offers a comprehensive portfolio of enhanced coverage solutions for the Wireless Networks, Based on advanced technologies. **EMTS** proven, indoor and outdoor solutions solve a wide range of network challenges including interference and oscillation problems, challenging coverage holes, rapid response deployment and inadequate in-building coverage. Regardless of the technology or frequency, **EMTS** can provide customized coverage solutions that address any combination of unique and complex network needs for the Wireless Networks.