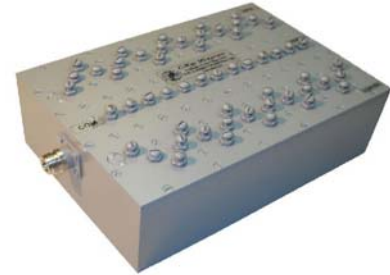




The **CM920/1795/2045MK-D6** is a Medium Isolation, Low Loss, Medium Power, Economic solution: **Combiner/Triplexer** for combining 3 Bands: **EGSM900/GSM1800/UMTS** Repeaters/Systems. High performance and low profile make it suitable for Wall-mount, or 19" Rack applications. Best choice for DAS Systems. Unit designed for Euro Zone, but could be customized for USA similar applications. Higher Isolation and other Connector Options available. Unit is offered with IP65 Rating as an Option. Please call for additional options/versions.



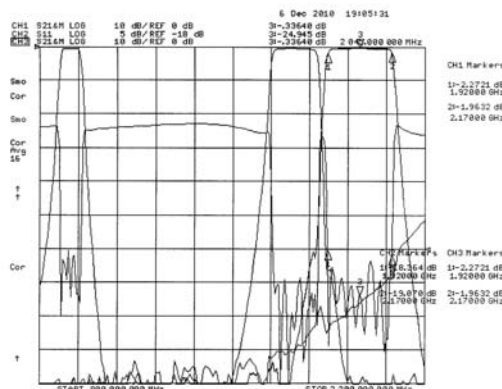
Model: CM920/1795/2045MK-D6

1. Electrical Characteristics	
Item	Value
EGSM Pass Band Frequency Range [MHz]	880 ~ 960
EGSM Pass Band Insertion Loss [dB]	< 0.4, 0.3 (Typ.)
GSM1800 Pass Band Frequency Range	1710 ~ 1880
GSM1800 Pass Band Insertion Loss [dB]	< 0.4, 0.3 (Typ.)
UMTS Pass Band Frequency Range [MHz]	1920 ~ 2170
UMTS Pass Band Insertion Loss [dB]	< 0.4, 0.3 (Typ.)
Pass Band Ripple [dB]	<0.4 P-T-P
Isolation between Filters MHz [dBc]	60 (Min.), 65 (Typ.)
IM Products, IM3 @ 2 x 33 dBm [dBc]	-143 (Min.)
IM Products, IM3 @ 2 x 43 dBm [dBc]	-133 (Typ.)
VSWR ALL Pass Bands	<1.38:1
Input / Output Impedance	50 Ω
RF power Capability each path CW	60 Watts
RF power Capability each path PEAK	600 Watts

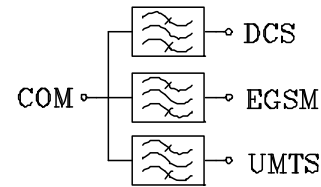
2. Mechanical Characteristics	
Final Finish (OPTIONAL)	Epoxy Gray
Dimensions (Including Mounting Hardware, and Excluding Connectors)	8.0" x 6.5" x 3.1"
Weight [lb / kg]	6.4 / 2.9
Connectors	N-Type Female

3. Environment Characteristics	
Operating Temperature	-30°C ~ +65°C

4. Plots



5. Block Diagram



6. Outline Drawing

