
 <b>Aerial Facilities Limited</b>	806-960 MHz/DCS/UMTS Triplexer (N) 16-042705S			
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## PRODUCT SPECIFICATION

<b>Description</b>	806-960 MHz/DCS/UMTS TRIPLEXER (N)
<b>Part Number</b>	16-042705
<b>Electrical</b>	
806 - 960 MHz Passband	806 – 960 MHz
Insertion Loss	< 0.3 dB
DCS Passband	1710 – 1880 MHz
Insertion Loss	< 0.5 dB
UMTS Passband	1920 – 2170 MHz
Insertion Loss	< 0.5 dB
Return Loss	> 18 dB (at all ports)
Isolation	> 60 dB (between GSM and DCS paths) > 60 dB (between GSM and UMTS paths) > 60 dB (between DCS and UMTS paths)
Power Handling (CW)	200W (GSM path) 150W (DCS path) 60W (UMTS path)
Passive Intermodulation Level	< -110 dBm (3 <sup>rd</sup> order measured with 2 x 43 dBm carriers)
<b>Mechanical</b>	
Outline (D x W x H)	235mm x 229mm x 49mm (excludes connectors) Fixing positions to be finalised. 806-960 MHz connector position to be finalised.
Connectors	N-type (female) on all ports
Case Material	Aluminium
Finish	Silver Plate
Weight	3.5 Kg
<b>Environmental</b>	
Operating Temperature	-20 to +65°C
Weather Protection	IP54



## PRODUCT OUTLINE

