



Specification

Dual Band Combiner

824-884.1/905-960 MHz

PN: TM-2FCF-160-CL

Specifications

Port 1 & Port 2 to Output 1

Pass-band	824-884.1 MHz
Insertion loss	0.8 dB max.
Out of band rejection 905-960 MHz	90 dB min.

Port 3 & Port 4 to Output 2

Pass-band	905-960 MHz
Insertion loss	0.8 dB max.
Out of band rejection 824-884.1 MHz	90 dB min.

GENERAL SPECIFICATION

Impedance	50 ohms
VSWR	1.25
RF power handling(average)	100 W all ports
RF power handling(peak)	400 W all ports
Passive intermodulation (IM3 2x20W)	< -155 dBc

ENVIRONMENTAL

Environmental rating	ETSI EN 300 019 class 4.1
Ingress protection	IP66
Lightning protection	±5 kA, 8/20us, M6 earth stud fitted
Operating temperature	-40 to +65°C
Altitude	2000 meter max
MTBF	> 500,000 hours
EMC	ETS 300 342-3

MECHANICAL

Sketch Dimensions (H x W x D)	266 x264 x 130 mm
Weight	8.5kg max
Surface treatment	Powder coating, color NCS 1502-R
Bracket	RAL7035
Mounting	Pole / wall bracket supplied with two metal clamps for 46 mm min diameter poles
Protection ground	M6 screw (SS 304)
Connectors type	DIN 7/16 female

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OUTLINE DRAWING

