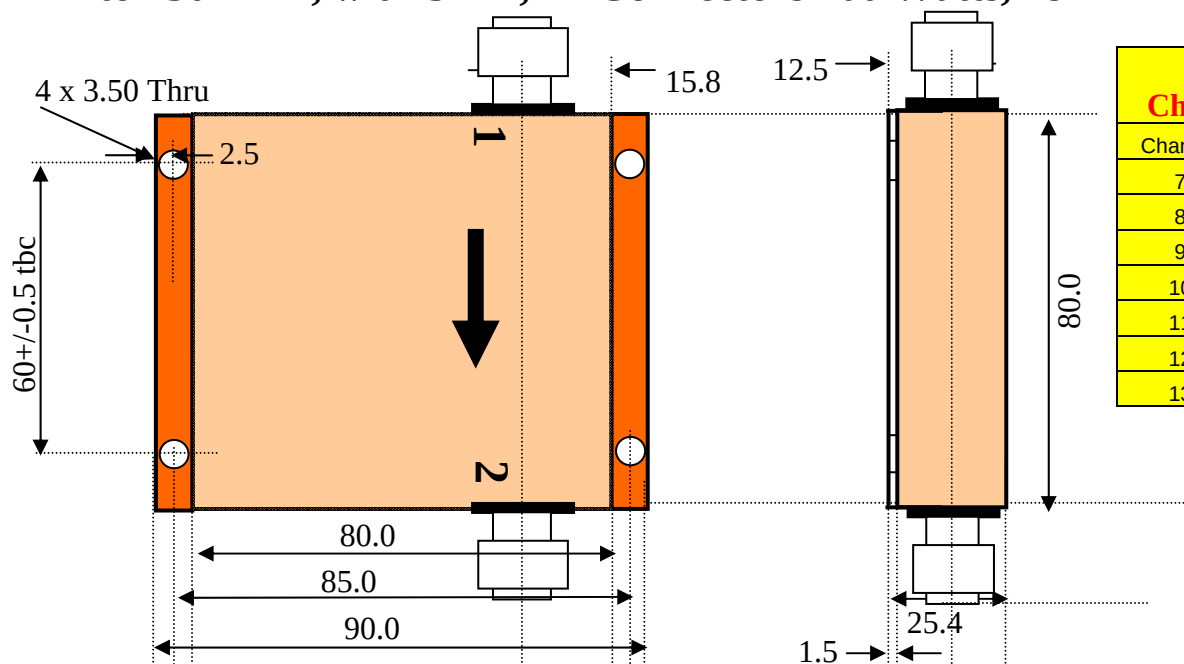


Isolator LL2 for VHF TV Band 3

code sj

174 to 230 MHz, with SMA, Nf Connectors 100 Watts, 28 MHz Bandwidth



For TV Channels 7-13	
Channel	Freq MHz
7	174-180
8	180-186
9	186-192
10	192-198
11	198-204
12	204-210
13	210-216

Load cooling via Conduction through housing, must be bolted to a heat sink

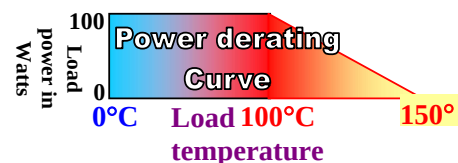
Not to scale, Units: mm

Order Examples: RI-174-202M-LL2-S3-100WR (28M bw)

(Coaxial Isolator, 174-202 MHz, LL2 package, SMA Female Connectors, 100 Watts, Clockwise Rotation, 28 MHz Bandwidth)

Specifications:				TDMB	
Frequency LL2a	174-230	174-202	174-202	198-204	MHz
Frequency LL2b	10M	202-230	202-230		MHz
Bandwidth	10	30	30	6	MHz
Insertion loss	0.5	0.3	0.8	0.5	dB
Isolation	20	20	18	20	dB
Return Loss	21	21	19	21	dB
VSWR	1.2	1.2	1.25	1.2	:1
Power handling Peak	500	500	500	500	Watt.
Power handling	120	120	120	250	Watt fwd.
Power handling	100	100	100	200	Watt rev.
Temperature range	-20 to 70	25	-20 to 70	-20 to 70	°C
Connector	SMA	SMA	SMA	Nf	

SMA Connector options (X)				
Isolator			Circulator	
Port 1	Port 2		Port 3 Male	Port 3 Female
Female	Male	-1	-11	-21
Male	Female	-2	-12	-22
Female	Female	-3	-13	-23
Male	Male	-4	-14	-24



RI-174-230M-LL2-S3-100WR (28M BW)

Specifications may be subject to change

07/10/07

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