



Item	Specifications	Typical Value	Q.C. Limit	Remark
	Frequency Range	5 ~ 2400 MHz		
	Input / Output Ports	System (1) / Subscriber (1) Port		F-Type Female Connector
	Impedance	75Ω		
Insertion Gain	5 ~ 40 MHz	-1.3 dB	≥-1.5 dB	
	40 ~ 1000 MHz	-1.3 dB	≥-1.5 dB	
	1000 ~ 1750 MHz	-1.8 dB	≥-2.0 dB	
	1750 ~ 2400 MHz	-2.8 dB	≥-3.0 dB	
Return Loss	5 ~ 40 MHz	10 dB	≥8 dB	
	40 ~ 750 MHz	15 dB	≥14 dB	
	750 ~ 1000 MHz	15 dB	≥13 dB	
	1000 ~ 1750 MHz	14 dB	≥12 dB	
	1750 ~ 2400 MHz	12 dB	≥9 dB	
	1750 ~ 2400 MHz	12 dB	≥9 dB	
	Surge Protection	2kV DC, 3s, 1mA		No Spark or Breakdown

**Part Number Table**

Description	Part Number
Isolation Transformer / Ground Loop Isolator	4170

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