

PLUG IN MODULE (PIM) SERIES

Mainline Passives, Conditioning Taps, Cable



Features

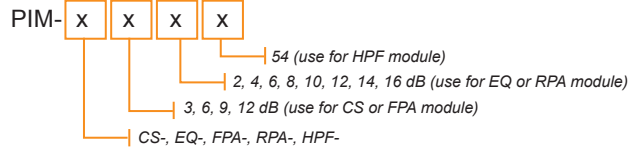
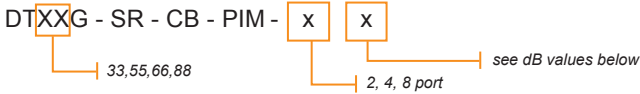
- 5–1002 MHz Bandwidth
- 15 Amp Current Capacity
- CB: continuous through signal w/o faceplate
- PIM: Plug in jumper installed in the unit.
- Aluminum alloy housing used for corrosion resistance
- Double polyurethane coating for greater weather protection
- Rubber gasket and RFI shielding gasket
- Printed circuit board
- Aerial or pedestal installation

General Specifications

Flatness (5-1002 MHz) | ± 0.35 dB (minimum)
 RFI (5-1002 MHz) | -100 dB (minimum)
 Current | 15 Amps Continuous
 Nominal Impedance | 75 Ohms



Ordering Information



Model Number	Standard Carton	Inner Box	Carton Weight	dB Values Available
DTXXG-SR-CB-PIM-2xx	50 pcs	10 pcs	17 kg / 37 lbs	-04T, -08, -11, -14, -17, -20, -23, -26, -29, -32, -35
DTXXG-SR-CB-PIM-4xx	50 pcs	10 pcs	18 kg / 40 lbs	-08T, -11, -14, -17, -20, -23, -26, -29, -32, -35
DTXXG-SR-CB-PIM-8xx	40 pcs	10 pcs	21 kg / 46 lbs	-11T, -14, -17, -20, -23, -26, -29, -32, -35

Model Number	Std Qty	Inner Box	Description	Values (dB)
PIM-CS-XX	30 pcs	10 pcs	Cable Simulator - Maintains low loss in the return drop path, while attenuating the forward drop signals to the proper system levels.	-3, -6, -9, -12
PIM-EQ-XX	30 pcs	10 pcs	Cable Equalizer- Attenuates the return path signal from the customer premise, thus reducing the effects of system ingress. In addition, tightens the window of return path signal variation allowing for efficient operation of an optical nodes' return transmitter.	-2, -4, -6, -8, -10, -12, -14, -16
PIM-RPA-XX	30 pcs	10pcs	Return Path Attenuator- Similar to PIM-EQ, except is split dependent and provides less impact on the forward drop signal	-2, -4, -6, -8, -10
PIM-FPA-XX	30 pcs	10 pcs	Forward Path Attenuator- Provides block attenuation to the forward path to prevent overdriving of the signal.	-3, -6, -9, -12
PIM-JP	30 pcs	10 pcs		
PIM-HP-54	30 pcs	10 pcs	High Pass Plug In - Similar to PIM-RPA except attenuates the return path even greater.	-54

*Specifications are subject to change without notice. v121611

CS: Cable Simulator / PIM-CS-xx dB

Insertion Loss (dB)				
	CS-3	CS-6	CS-9	CS-12
5-42 MHz	1.0	1.0	1.0	1.0
43-400 MHz	2.0	2.5	3.0	5.0
401-750 MHz	3.0	5.0	7.5	11
751-1002 MHz	3.8	6.5	11	15

FPA: Forward Path Attenuator / PIM-FPA-xx dB

Insertion Loss (dB)				
	FPA-3	FPA-6	FPA-9	FPA-12
5-42 MHz	0.5	0.5	0.5	0.5
43-400 MHz	2.0	2.5	3.0	5.0
401-750 MHz	3.0	5.0	7.5	11
751-1002 MHz	3.8	6.5	11	15

Return Loss (dB)				
Frequency	CS-3	CS-6	CS-9	CS-12
5-1002 MHz	16	16	16	16

Return Loss (dB)				
Frequency	FPA-3	FPA-6	FPA-9	FPA-12
5-1002MHz	16	16	16	16

EQ: CABLE EQUALIZER / PIM-EQ-xx dB

Insertion Loss (dB)								
	EQ-2	EQ-4	EQ-6	EQ-8	EQ-10	EQ-12	EQ-14	EQ-16
5-42 MHz	3.0	4.5	6.0	7.5	9.5	11	13	14.5
43-400 MHz	2.5	3.0	4.0	5.0	5.5	6.5	7.0	7.5
401-750 MHz	1.0	1.0	1.0	1.0	1.5	2.0	2.0	2.0
751-1002 MHz	0.8	0.8	0.8	0.8	1.0	1.0	1.0	1.0

Return Loss (dB)								
Frequency	EQ-2	EQ-4	EQ-6	EQ-8	EQ-10	EQ-12	EQ-14	EQ-16
5-1002 MHz	16	16	16	16	N/A	N/A	N/A	N/A

RPA: Return Path Attenuator / PIM-RPA-xx dB

Insertion Loss (dB)					
	RPA-2	RPA-4	RPA-6	RPA-8	RPA-10
5-15 MHz	3.0	5.0	7.0	9.0	11.0
16-42 MHz	6.0	8.0	10.0	12.0	14.0
54-400 MHz	2.0	2.0	2.0	2.0	2.0
401-750 MHz	1.5	1.5	1.5	1.5	1.5
751-1002 MHz	1.0	1.0	1.0	1.0	1.0

Return Loss (dB)					
Frequency	RPA-2	RPA-4	RPA-6	RPA-8	RPA-10
5-1002 MHz	16	16	16	16	N/A

HPF: Highpass Filter / PIM-HP-xx

Insertion Loss (dB)	
	HPF-54
5-42 MHz	-4.0
54-400 MHz	3.0
401-750 MHz	2.5
751-1002 MHz	1.0

Return Loss (dB)	
Frequency	HPF-54
5-1002 MHz	16

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