

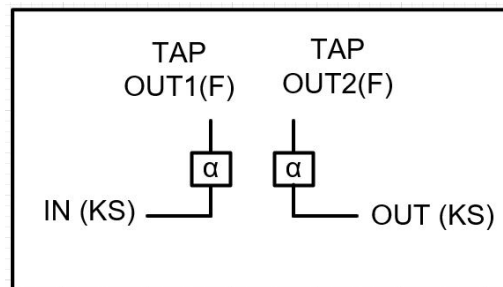
GigaXtend XS Series

3GHz Bypass Faceplate



GigaXtend XSA-TAP2-00
(front view)

GigaXtend XS technology is essential to MSOs looking to minimize costs associated with repeat truck rolls to migrate the plant above 1.2GHz and eventually above 1.8GHz. GigaXtend XS technology supports RF performance at 2GHz today and 3GHz through a simple faceplate upgrade in the future. The GigaXtend XS Bypass Faceplate enables MSOs to test GigaXtend XS tap housings, as well as their plant and cascade, up to 3GHz. XSA-TAP2-00 features two F connector ports that allow a measurement (Return loss, RF Level, QAM measurement or TDR sweep to measure true distance to next devices on hardline) in different directions up or down the cascade. Or connect a coaxial jumper in a lab environment to qualify the GigaXtend XS housing performance to 3GHz.



Functional Schematic

Specifications

ATX PART NUMBER	XSA-TAP2-00						
SPECIFICATION	FREQUENCY (MHz)	TYP	MAX	SPECIFICATION	FREQUENCY (MHz)	TYP	MAX
Insertion Loss IN-TAP OUT1 dB	5	1.0	1.3	Insertion Loss TAP OUT2-OUT dB	5	1.0	1.3
	10	1.0	1.3		10	1.0	1.3
	200	1.1	1.4		200	1.1	1.4
	750	1.3	1.6		750	1.3	1.6
	860	1.3	1.6		860	1.3	1.6
	1002	1.4	1.7		1002	1.4	1.7
	1250	1.5	1.8		1250	1.5	1.8
	1825	1.6	1.9		1825	1.6	1.9
	2050	1.7	2.0		2050	1.7	2.0
3000	2.4	2.7	3000	2.4	2.7		

Specifications

SPECIFICATION	FREQUENCY (MHz)	IN, min	TAP OUT1, min	TAP OUT2, min	OUT, min
Return Loss dB	10-100	20	20	20	20
	100-750	18	17	17	18
	750-1002	16	17	17	18
	1002-1250	15	17	17	17
	1250-1825	15	17	17	17
	1825-2050	15	16	16	17
	2050-2600	15	14	14	15
	2600-3000	12	12	12	12
PHYSICAL					
DIMENSIONS	5.25"L x 5.25"W x 1.8"H (133.4mm x 133.4 mm x 45.7mm)				
WEIGHT	0.42 lbs (0.91 kg)				

Ordering Information

Part Number	Description
XSA-TAP2-00	GigaXtend Tap Bypass Faceplate with F connectors

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