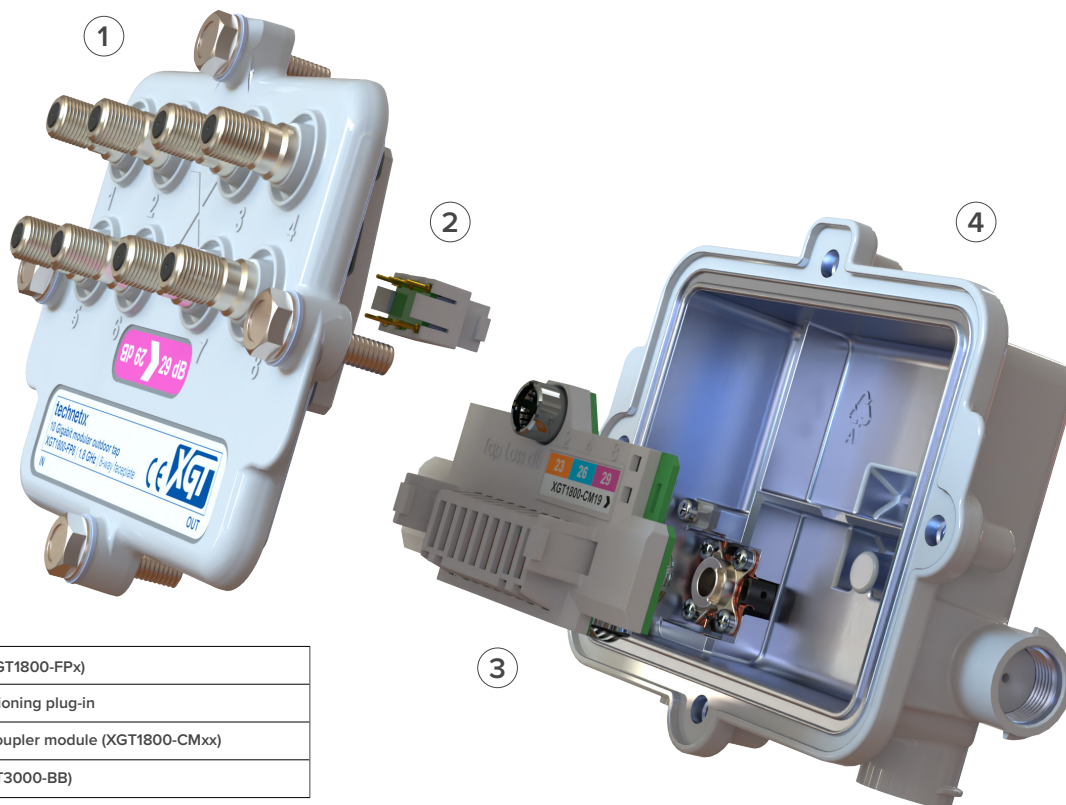


Outdoor multitaps XGT gigabit modular outdoor multitaps



- **Modular platform DOCSIS 4.1¹ compatible**
 - 3 GHz housing
 - 1.8 GHz coupler modules (CM)
 - 1.8 GHz faceplates: 2-way, 4-way and 8-way
 - Low inventory standardized modular solution²
 - one housing
 - three faceplates
 - 5 or 6 CM tap values
 - 9 or 10 SKUs for a full multitap range
- **3 GHz housing with superior seizureless connector design³**
- **Faceplate can be removed without interruption to RF signals and line power**
- **Best in-class through loss and cascade flatness performance**



1	Faceplate (XGT1800-FPx)
2	Signal conditioning plug-in
3	Directional coupler module (XGT1800-CMxx)
4	Housing (XGT3000-BB)

1. DOCSIS 4.1, the next generation after DOCSIS 4.0, taking bandwidth from 1.8 GHz to 3 GHz 25 Gbps capacity.

2. With DOCSIS 4.1 all legacy Regal, GI-Moto, SA-Cisco and Magnavox back housings become obsolete.

3. The futureproof XGT housing has a secure 3 GHz connection without screws and excellent protection against common path distortion (CPD).

Outdoor multitaps XGT gigabit modular outdoor multitaps



Overview

Technetix XGT: The new 1.8 GHz modular multitap to extend your outdoor plant to 10G now and to be ready for 25G-3 GHz in the future. The XGT range is DOCSIS 4.0 ready with 1.8 GHz faceplates and coupler modules (CM) provided as standard. The housings are DOCSIS 4.1 ready with outstanding performance up to 3 GHz. A modular approach makes multiple new features possible that were previously unavailable. The XGT modular tap is more cost effective over its product lifetime and has a decreased Total Cost of Ownership (TCO) when compared with conventional taps.

The CM concept means that the directional coupler is separate from the faceplate which eliminates 60% to 80% of tap SKUs, easing inventory management and reducing working capital. The operational supply chain from central warehouses and distribution hubs through to technicians' trucks will benefit from this inventory reduction. The XGT range can be supplied pre-assembled for large, preplanned deployments or as individual parts for maintenance.

Most multitap maintenance is carried out on the faceplate replacing damaged F-ports. The power and RF line feeds are not interrupted if a faceplate is changed on an XGT tap. This means there are no service or power interruptions during maintenance, which would result in resetting nodes down the line. When a coupler module is changed, an external bypass tool ensures that there is no power break further down the line. A major benefit is that a maintenance technician only need carry three faceplate types (2-way, 4-way and 8-way) in their truck instead of multiple versions with different multitap dB values.

The coupler module can be replaced in seconds during final alignment or maintenance with minimal service interruption. No tools are required making it possible to carry out a single handed installation making it convenient for difficult to access locations. Only 5 to 9 types of coupler module are required, replacing over 30 different value and output faceplate combinations.



Specifications

Characteristic		Min	Typ	Max	Units	Notes
Frequency range	I/P to O/P	5		1825	MHz	
	Tap	5		1825	MHz	
Connectors	I/P, O/P	5/8 - 24 female				
	Tap	F-female				
Temperature range	Operating	-40		60	°C	1
	Storage	-40		70	°C	
	Spec	20		25	°C	
Impedance	All ports	75			Ω	
Surge	All ports			6	kV	2
Power passing	I/P to O/P			15	A	
Group Delay	5-12 MHz (1 MHz channel)	8			ns	
	12-18 MHz (6 MHz channel)	8			ns	
	18-1825 MHz (6 MHz channel)	5			ns	
Hum modulation	5 - 860 MHz			65	dBc	3
	860 - 1218 MHz			65	dBc	3
	1218 - 1825 MHz			60	dBc	3
Shielding	5 - 1218 MHz	110			dB	4
	1218 - 1825 MHz	100			dB	4
Screening effectiveness	5 - 100 MHz	90			dB	5
	100 - 750 MHz	90			dB	5
	750 - 1006 MHz	90			dB	5
	1006 - 1218 MHz	90			dB	5
	1218 - 1825 MHz	80			dB	5

Notes

1	Deviation over temperature: ±0.5 dB insertion loss. +2 dB isolation and return loss
2	IEEE-C62.14, combination wave, category B3 (rise time 1,2 μS/ fall time 50 μS). No degradation allowed
3	Measured at 15 A (test set up in accordance to ANSI-SCTE-16)
4	Tested according to SCTE IPS-TP403
5	Tested according to EN 50083-2
6	Specifications between 5-12 MHz are to be considered as typical values



Environmental specifications

Condition	Standard	Severity
Degree of protection provided by the enclosure	BS EN 60529 1992	IP68, one meter immersion one week duration
Salt fog	ASTM B 117	1,000 hour exposure, level 2 or better
Drop	The unpackaged device under test (DUT) must be able to withstand a 1 meter drop from all 6 planes using an approved test device (such as Accudrop) on a cement floor.	Device shall survive without degradation in electrical performance of more than +/-0.5 dB insertion loss / 2 dB isolation and return loss also without allowing breaks in back plate or F-port seals.
UV	UV testing conducted as per ASTM G154 for 1000 hours using UVA-340 lamps, or ASTM G53 for 500 hours using UVB-313 lamps.	Samples shall be rotated 90° every 125 hours. A repetitive cycle of 4 hours UV at 60° C followed by 4 hours condensation at 50° C shall be used resulting in a total test time of 1,000 hours.
Temperature cycle by the enclosure	ANSI/SCTE 153 2008	15 cycles of: 2 hours at the low limit -40° C, 1 hour transition to high limit +60° C at 95% RH, wait 2 hours then 1 hour transition to low limit. The device must meet all performance requirements during and after testing.
Damp heat cyclic	BS EN 60068-2-30:2005 test dB damp heat cyclic (12 hour + 12 hour)	55° C, 6 cycles, 95% RH
Vibration	TBELLCORE GR-2873-CORE	The sample shall be subjected to simple harmonic motion having vertical amplitude of 0.762mm (0.03"), the frequency varying uniformly between 10 Hz and 55 Hz for 20 minutes. The entire frequency range from 10 to 55 Hz and back to 10 Hz shall be traversed in one minute.



2-way specifications

Parameter	MHz	4 dB	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	Min/Max	Units	Notes	
		Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ				
Insertion loss in-out	5	T	3.0	2.7	1.5	1.2	1.0	1.0	1.0	1.0		dB	1,2	
	12	T	3.5	2.1	1.2	0.8	0.8	0.8	0.8	0.8	+/-0.5	dB	1,2	
	200	T	3.4	1.8	1.1	0.8	0.7	0.7	0.6	0.6	+/-0.5	dB	1,2	
	750	T	4.1	2.4	1.7	1.4	0.7	0.7	0.6	0.7	+/-0.5	dB	1,2	
	860	T	4.2	2.6	1.8	1.5	0.7	0.8	0.6	0.7	+/-0.5	dB	1,2	
	1006	T	4.3	2.7	1.9	1.6	0.8	0.8	0.7	0.8	+/-0.5	dB	1,2	
	1218	T	4.2	2.9	2.1	1.8	1.0	1.0	0.8	1.0	+/-0.5	dB	1,2	
	1825	T	4.5	3.8	3.1	2.8	1.4	1.4	1.0	1.2	+/-0.5	dB	1,2	
Insertion loss in-tap	5		3.6	10.5	10.7	12.5	13.4	20.5	23.0	24.9	28.1		dB	1,2
	12		3.5	8.6	10.6	13.3	15.2	19.6	22.6	24.8	28.2	+/-0.5	dB	1,2
	200		3.5	8.0	11.0	13.7	15.5	20.6	23.1	25.5	28.9	+/-0.5	dB	1,2
	750		3.9	8.0	11.3	14.0	15.7	20.5	23.0	25.3	28.6	+/-0.5	dB	1,2
	860		4.0	8.1	11.4	14.1	15.7	20.5	22.9	25.2	28.5	+/-0.5	dB	1,2
	1006		4.1	8.3	11.5	14.2	15.7	20.4	22.7	25.1	28.3	+/-0.5	dB	1,2
	1218		4.3	8.5	11.5	14.3	15.8	20.4	22.3	25.1	28.2	+/-0.8	dB	1,2
	1600		5.0	9.6	11.9	14.7	16.5	20.8	22.3	25.4	28.5	+/-0.8	dB	1,2
1825		5.5	10.5	12.5	15.4	17.4	21.6	23.7	26.5	29.4	+/-0.8	dB	1,2	

Parameter	MHz	Min	Min	Min	Min	Min	Min	Min	Min	Min	Min	Units	Notes
Return loss I/P and O/P ports	5 - 12	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1006 - 1218	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1218 - 1825	16.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Return loss tap ports	5 - 12	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1006 - 1218	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1218 - 1825	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Isolation out-tap	5 - 12	T	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	dB	2
	12 - 20	T	21.0	25.0	25.0	26.0	32.0	35.0	37.0	40.0		dB	2
	20 - 100	T	24.0	28.0	28.0	28.0	32.0	35.0	37.0	40.0		dB	2
	100 - 750	T	23.0	26.0	26.0	27.0	29.0	31.0	33.0	35.0		dB	2
	750 - 1218	T	21.0	25.0	25.0	25.0	27.0	27.0	31.0	33.0		dB	2
1218 - 1825	T	21.0	23.0	22.0	22.0	23.0	25.0	27.0	30.0		dB	2	
Isolation tap-tap	5 - 12		15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	dB	2
	12 - 100		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	dB	2
	100 - 1825		20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	dB	2



4-way specifications

Parameter	MHz	8 dB	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	Min/Max	Units	Notes	
		Typ	Typ	Typ	Typ	Typ	Typ	Typ	Typ				
Insertion loss in-out	5	T	2.2	2.7	1.7	1.2	1.1	1.1	1.1		dB	1,2	
	12	T	3.5	2.1	1.2	0.8	0.8	0.8	0.8	+/-0.5	dB	1,2	
	200	T	3.4	1.7	1.1	0.8	0.7	0.7	0.7	+/-0.5	dB	1,2	
	750	T	4.2	2.5	1.6	1.3	0.7	0.7	0.7	+/-0.5	dB	1,2	
	860	T	4.3	2.7	1.8	1.4	0.8	0.7	0.7	+/-0.5	dB	1,2	
	1006	T	4.3	2.8	1.9	1.5	0.8	0.9	0.8	+/-0.5	dB	1,2	
	1218	T	4.2	2.9	2.0	1.7	1.0	1.0	1.0	+/-0.5	dB	1,2	
Insertion loss in-tap	1825	T	4.5	3.9	3.0	2.8	1.3	1.2	1.1	+/-0.5	dB	1,2	
	5		6.9	16.2	13.5	15.0	16.4	23.0	25.3	28.1		dB	1,2
	12		6.9	11.5	13.8	16.7	18.5	23.3	25.6	28.2	+/-0.5	dB	1,2
	200		6.7	11.1	14.2	16.8	18.7	23.7	26.3	28.8	+/-0.5	dB	1,2
	750		7.3	11.3	14.7	17.3	19.0	23.9	26.3	28.8	+/-0.5	dB	1,2
	860		7.3	11.4	14.8	17.4	19.0	23.8	26.1	28.7	+/-0.5	dB	1,2
	1006		7.4	11.6	14.9	17.4	19.0	23.7	26.0	28.5	+/-0.5	dB	1,2
Return loss I/P and O/P ports	1218		7.6	11.8	15.0	17.6	19.0	23.7	25.7	28.5	+/-0.8	dB	1,2
	1600		8.2	12.8	15.2	18.0	19.5	24.2	25.8	28.9	+/-1.0	dB	1,2
	1825		8.7	14.4	15.9	18.8	20.8	25.3	27.0	30.2	+/-1.0	dB	1,2

Parameter	MHz	Min	Min	Min	Min	Min	Min	Min	Min	Min	Units	Notes
Return loss I/P and O/P ports	5 - 12	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	16.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1006 - 1218	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Return loss tap ports	1218 - 1825	16.0	15.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	5 - 12	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Isolation out-tap	1006 - 1218	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1218 - 1825	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	5 - 12	T	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	dB	2
	12 - 20	T	24.0	28.0	28.0	29.0	35.0	38.0	40.0	40.0	dB	2
	20 - 100	T	27.0	31.0	31.0	31.0	35.0	38.0	40.0	40.0	dB	2
Isolation tap-tap	100 - 750	T	26.0	29.0	29.0	30.0	32.0	34.0	36.0	36.0	dB	2
	750 - 1218	T	24.0	28.0	28.0	28.0	30.0	30.0	34.0	34.0	dB	2
	1218 - 1825	T	24.0	26.0	25.0	25.0	26.0	28.0	30.0	30.0	dB	2



8-way specifications

Parameter	MHz	11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	Min/Max	Units	Notes
		Typ	Typ	Typ	Typ	Typ	Typ	Typ			
Insertion loss in-out	5	T	2.1	2.5	1.7	1.2	1.0	1.0		dB	1,2
	12	T	3.5	2.1	1.2	0.8	0.8	0.8	+/-0.5	dB	1,2
	200	T	3.4	1.7	1.1	0.8	0.6	0.6	+/-0.5	dB	1,2
	750	T	4.1	2.5	1.7	1.3	0.6	0.7	+/-0.5	dB	1,2
	860	T	4.2	2.6	1.8	1.4	0.7	0.7	+/-0.5	dB	1,2
	1006	T	4.4	2.8	2.0	1.5	0.8	0.9	+/-0.5	dB	1,2
	1218	T	4.3	2.9	2.1	1.7	0.9	1.0	+/-0.5	dB	1,2
Insertion loss in-tap	5		11.0	21.0	18.4	19.4	20.7	27.9		dB	1,2
	12		11.0	15.5	18.0	20.8	22.7	27.5	+/-0.5	dB	1,2
	200		10.6	15.1	18.2	20.8	22.6	27.7	+/-0.5	dB	1,2
	750		11.1	15.0	18.4	21.1	22.8	27.4	+/-0.8	dB	1,2
	860		11.0	15.0	18.3	21.0	22.7	27.3	+/-0.8	dB	1,2
	1006		11.1	15.2	18.4	21.1	22.7	27.2	+/-0.8	dB	1,2
	1218		11.3	15.4	18.4	21.1	22.7	27.2	+/-1.0	dB	1,2
	1600		11.8	16.6	18.8	21.5	23.5	27.7	+/-1.0	dB	1,2
	1825		12.7	17.7	19.6	22.4	24.9	29.0	+/-1.0	dB	1,2

Parameter	MHz	Min	Min	Min	Min	Min	Min	Min	Units	Notes
Return loss I/P and O/P ports	5 - 12	14.0	14.0	14.0	14.0	14.0	14.0	14.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	15.0	15.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	15.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1006 - 1218	15.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Return loss tap ports	5 - 12	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	12 - 100	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	100 - 750	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	750 - 1006	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
	1006 - 1218	16.0	16.0	16.0	16.0	16.0	16.0	16.0	dB	2
Isolation out-tap	5 - 12	T	20.0	20.0	20.0	20.0	20.0	20.0	dB	2
	12 - 20	T	26.0	30.0	30.0	31.0	37.0	40.0	dB	2
	20 - 100	T	29.0	33.0	33.0	33.0	37.0	40.0	dB	2
	100 - 750	T	28.0	31.0	31.0	32.0	34.0	36.0	dB	2
	750 - 1218	T	26.0	30.0	30.0	30.0	32.0	32.0	dB	2
Isolation tap-tap	1218 - 1825	T	26.0	28.0	27.0	27.0	28.0	30.0	dB	2
	5 - 12		20.0	20.0	20.0	20.0	20.0	20.0	dB	2
	12 - 100		20.0	20.0	20.0	20.0	20.0	20.0	dB	2
	100 - 1825		20.0	20.0	20.0	20.0	20.0	20.0	dB	2

Outdoor multitaps XGT gigabit modular outdoor multitaps



Tap components order information

Order separate components to deploy uncommon tap values with cost effective post-installation maintenance.

Item number	Item code	Description
19013824	XGT3000-BB	TECHNETIX XGT GIGABIT TAP HOUSING 3.0 GHz
19013825	XGT3000-BBT	TECHNETIX XGT GIGABIT TAP HOUSING 3.0 GHz TERM
19013826	XGT1800-FP2	TECHNETIX XGT GIGABIT TAP FACEPLATE 2-WAY
19013827	XGT1800-FP4	TECHNETIX XGT GIGABIT TAP FACEPLATE 4-WAY
19013828	XGT1800-FP8	TECHNETIX XGT GIGABIT TAP FACEPLATE 8-WAY

DB value matrix
Coupler module / faceplate version

Item number	Item code	Description	DB value matrix		
			2-way	4-way	8-way
19013838	XGT1800-CM0T	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 0T dB	4T	8T	11T
19013839	XGT1800-CM04	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 04 dB	8	11	14
19013840	XGT1800-CM07	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 07 dB	11	14	17
19013841	XGT1800-CM10	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 10 dB	14	17	20
19013842	XGT1800-CM13	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 13 dB	17	20	23
19013843	XGT1800-CM16	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 16 dB	20	23	26
19013844	XGT1800-CM19	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 19 dB	23	26	29
19013845	XGT1800-CM22	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 22 dB	26	29	32
19013846	XGT1800-CM25	TECHNETIX XGT DIRECTIONAL COUPLER MODULE 25 dB	29	32	35



Tap components order information

Order complete unit for large scale deployments

Item number	Item code	Description
2-way taps		
19013904	XGTZ-2-4T	TECHNETIX 10 GIGABIT TAP 2-WAY 4 dB 1.8 GHz TERM
19013905	XGTZ-2-8	TECHNETIX 10 GIGABIT TAP 2-WAY 8 dB 1.8 GHz
19013906	XGTZ-2-11	TECHNETIX 10 GIGABIT TAP 2-WAY 11 dB 1.8 GHz
19013907	XGTZ-2-14	TECHNETIX 10 GIGABIT TAP 2-WAY 14 dB 1.8 GHz
19013908	XGTZ-2-17	TECHNETIX 10 GIGABIT TAP 2-WAY 17 dB 1.8 GHz
19013909	XGTZ-2-20	TECHNETIX 10 GIGABIT TAP 2-WAY 20 dB 1.8 GHz
19013910	XGTZ-2-23	TECHNETIX 10 GIGABIT TAP 2-WAY 23 dB 1.8 GHz
19013911	XGTZ-2-26	TECHNETIX 10 GIGABIT TAP 2-WAY 26 dB 1.8 GHz
19013912	XGTZ-2-29	TECHNETIX 10 GIGABIT TAP 2-WAY 29 dB 1.8 GHz
4-way taps		
19013913	XGTZ-4-8T	TECHNETIX 10 GIGABIT TAP 4-WAY 8 dB 1.8 GHz TERM
19013914	XGTZ-4-11	TECHNETIX 10 GIGABIT TAP 4-WAY 11 dB 1.8 GHz
19013915	XGTZ-4-14	TECHNETIX 10 GIGABIT TAP 4-WAY 14 dB 1.8 GHz
19013916	XGTZ-4-17	TECHNETIX 10 GIGABIT TAP 4-WAY 17 dB 1.8 GHz
19013917	XGTZ-4-20	TECHNETIX 10 GIGABIT TAP 4-WAY 20 dB 1.8 GHz
19013918	XGTZ-4-23	TECHNETIX 10 GIGABIT TAP 4-WAY 23 dB 1.8 GHz
19013919	XGTZ-4-26	TECHNETIX 10 GIGABIT TAP 4-WAY 26 dB 1.8 GHz
19013920	XGTZ-4-29	TECHNETIX 10 GIGABIT TAP 4-WAY 29 dB 1.8 GHz
8-way taps		
19013921	XGTZ-8-11T	TECHNETIX 10 GIGABIT TAP 8-WAY 11 dB 1.8 GHz TERM
19013922	XGTZ-8-14	TECHNETIX 10 GIGABIT TAP 8-WAY 14 dB 1.8 GHz
19013923	XGTZ-8-17	TECHNETIX 10 GIGABIT TAP 8-WAY 17 dB 1.8 GHz
19013924	XGTZ-8-20	TECHNETIX 10 GIGABIT TAP 8-WAY 20 dB 1.8 GHz
19013925	XGTZ-8-23	TECHNETIX 10 GIGABIT TAP 8-WAY 23 dB 1.8 GHz
19013926	XGTZ-8-26	TECHNETIX 10 GIGABIT TAP 8-WAY 26 dB 1.8 GHz
19013927	XGTZ-8-29	TECHNETIX 10 GIGABIT TAP 8-WAY 29 dB 1.8 GHz
XGT tools		
19013994	XGT-MBBT	XGT MAKE BEFORE BREAK AC/RF BYPASS TOOL
19014361	XGT-CM-RT	XGT COUPLER MODULE REMOVAL TOOL



Signal conditioning order information

Signal conditioning plug-ins detailed below:

Item number	Item code	Description
1.2 GHz cable equalizers		
19013880	XGT1200-CE02	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 02 dB 1.2 GHz
19013881	XGT1200-CE03	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 03 dB 1.2 GHz
19013882	XGT1200-CE04	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 04 dB 1.2 GHz
19013883	XGT1200-CE06	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 06 dB 1.2 GHz
19013884	XGT1200-CE08	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 08 dB 1.2 GHz
19013885	XGT1200-CE09	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 09 dB 1.2 GHz
19013886	XGT1200-CE10	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 10 dB 1.2 GHz
19013887	XGT1200-CE12	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 12 dB 1.2 GHz
19013888	XGT1200-CE14	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 14 dB 1.2 GHz
19013889	XGT1200-CE16	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 16 dB 1.2 GHz
19013890	XGT1200-CE18	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 18 dB 1.2 GHz
19013891	XGT1200-CE20	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 20 dB 1.2 GHz
19013892	XGT1200-CE22	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 22 dB 1.2 GHz
1.8 GHz cable equalizers		
19013856	XGT1800-CE02	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 02 dB 1.8 GHz
19013857	XGT1800-CE03	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 03 dB 1.8 GHz
19013858	XGT1800-CE04	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 04 dB 1.8 GHz
19013859	XGT1800-CE06	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 06 dB 1.8 GHz
19013860	XGT1800-CE08	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 08 dB 1.8 GHz
19013861	XGT1800-CE09	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 09 dB 1.8 GHz
19013862	XGT1800-CE10	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 10 dB 1.8 GHz
19013863	XGT1800-CE12	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 12 dB 1.8 GHz
19013864	XGT1800-CE14	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 14 dB 1.8 GHz
19013865	XGT1800-CE16	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 16 dB 1.8 GHz
19013866	XGT1800-CE18	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 18 dB 1.8 GHz
19013867	XGT1800-CE20	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 20 dB 1.8 GHz
19013868	XGT1800-CE22	TECHNETIX XGT PLUG-IN CABLE EQUALIZER 22 dB 1.8 GHz



Signal conditioning order information

Signal conditioning plug-ins detailed below:

Item number	Item code	Description
1.2 GHz cable simulators		
19013893	XGT1200-CS02	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 02 dB 1.2 GHz
19013894	XGT1200-CS03	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 03 dB 1.2 GHz
19013895	XGT1200-CS04	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 04 dB 1.2 GHz
19013896	XGT1200-CS06	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 06 dB 1.2 GHz
19013897	XGT1200-CS08	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 08 dB 1.2 GHz
19013898	XGT1200-CS09	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 09 dB 1.2 GHz
19013899	XGT1200-CS10	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 10 dB 1.2 GHz
19013900	XGT1200-CS12	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 12 dB 1.2 GHz
19013901	XGT1200-CS15	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 15 dB 1.2 GHz
19013902	XGT1200-CS18	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 18 dB 1.2 GHz
19013903	XGT1200-CS21	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 21 dB 1.2 GHz
19013891	XGT1200-CE20	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 20 dB 1.2 GHz
19013892	XGT1200-CE22	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 22 dB 1.2 GHz
1.8 GHz cable simulators		
19013869	XGT1800-CS02	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 02 dB 1.8 GHz
19013870	XGT1800-CS03	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 03 dB 1.8 GHz
19013871	XGT1800-CS04	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 04 dB 1.8 GHz
19013872	XGT1800-CS06	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 06 dB 1.8 GHz
19013873	XGT1800-CS08	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 08 dB 1.8 GHz
19013874	XGT1800-CS09	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 09 dB 1.8 GHz
19013875	XGT1800-CS10	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 10 dB 1.8 GHz
19013876	XGT1800-CS12	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 12 dB 1.8 GHz
19013877	XGT1800-CS15	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 15 dB 1.8 GHz
19013878	XGT1800-CS18	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 18 dB 1.8 GHz
19013879	XGT1800-CS21	TECHNETIX XGT PLUG-IN CABLE SIMULATOR 21 dB 1.8 GHz