

Outdoor taps XFO signal conditioning plug-ins

- Full range of cable equalizers and cable simulators available
- Easy to change while leaving all drop cables in place
- XGT and XFO platform compatible



Overview

The XGT signal conditioning plug-ins accommodate signal conditioning on the drop ports of the XGT modular multitap and XFO faceplate upgrade multitaps.

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Electrical specification

1.8 GHz GHz cable equalizers (XGT1800-CExx)

Parameter	MHz	3	6	9	12	14	18
Typical insertion loss (dB)	12	3.6	6.4	9.4	12.5	14.9	19.2
	65	3.5	6.4	9.2	12.3	14.6	18.9
	85	3.5	6.4	9.2	12.1	14.4	18.8
	105	3.5	6.4	9.0	11.9	14.2	18.7
	120	3.5	6.4	9.0	11.7	14.0	18.5
	204	3.5	6.1	8.4	10.6	12.9	17.7
	256	3.5	6.0	7.9	9.8	12.1	17.1
	470	3.3	5.1	5.7	6.7	8.9	14.3
	862	2.4	3.0	2.5	2.9	5.0	9.8
	1006	1.8	2.3	1.7	2.0	4.0	8.5
	1218	0.9	1.3	0.9	1.1	2.9	6.6
	1500	0.5	0.5	0.4	0.5	1.7	4.1
	1825	0.4	0.2	0.4	0.5	0.9	1.5
	Tolerance dB +/-	0.5	0.5	0.5	0.5	0.5	1.0

1.8 GHz cable simulators (XGT1800-CSxx)

Parameter	MHz	3	6	9	12	15	18
Typical insertion loss (dB)	12	0.0	0.0	0.0	0.0	0.0	0.0
	65	0.0	0.0	0.1	0.1	0.0	0.1
	85	0.0	0.1	0.1	0.1	0.1	0.1
	105	0.0	0.1	0.2	0.2	0.1	0.2
	120	0.1	0.1	0.2	0.2	0.2	0.2
	204	0.1	0.2	0.5	0.5	0.5	0.4
	256	0.1	0.3	0.8	0.9	0.8	0.7
	470	0.3	0.9	2.2	2.5	2.3	2.1
	862	0.9	2.4	4.8	5.8	5.8	5.6
	1006	1.2	2.9	5.6	7.1	7.3	7.2
	1218	1.7	3.8	6.7	8.8	9.6	9.7
	1500	2.4	4.9	7.8	10.8	12.9	13.5
	1825	3.1	6.0	8.8	12.1	15.3	18.0
	Tolerance dB +/-	0.5	0.5	0.5	0.5	0.5	1.0

Notes

1 | Insertion loss is a point-to-point window at specified frequency

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Order information

1.8 GHz cable equalizers

Item number	Item code	Description
19013857	XGT1800-CE03	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 03 dB 1.8 GHz
19013859	XGT1800-CE06	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 06 dB 1.8 GHz
19013861	XGT1800-CE09	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 09 dB 1.8 GHz
19013863	XGT1800-CE12	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 12 dB 1.8 GHz
19013864	XGT1800-CE14	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 14 DB 1.8 GHZ
19013866	XGT1800-CE18	TECHNETIX XGT/XFO PLUG-IN CABLE EQUALIZER 18 dB 1.8 GHz

1.8 GHz cable simulators

19013870	XGT1800-CS03	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 03 dB 1.8 GHz
19013872	XGT1800-CS06	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 06 dB 1.8 GHz
19013874	XGT1800-CS09	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 09 dB 1.8 GHz
19013876	XGT1800-CS12	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 12 dB 1.8 GHz
19013877	XGT1800-CS15	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 15 DB 1.8 GHZ
19013878	XGT1800-CS18	TECHNETIX XGT/XFO PLUG-IN CABLE SIMULATOR 18 dB 1.8 GHz