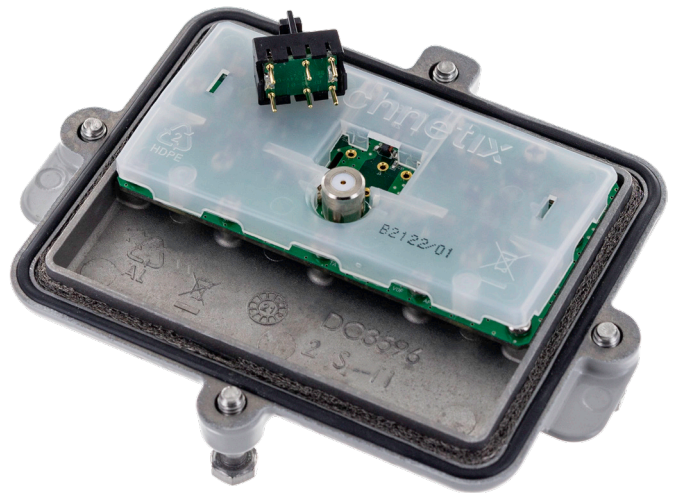
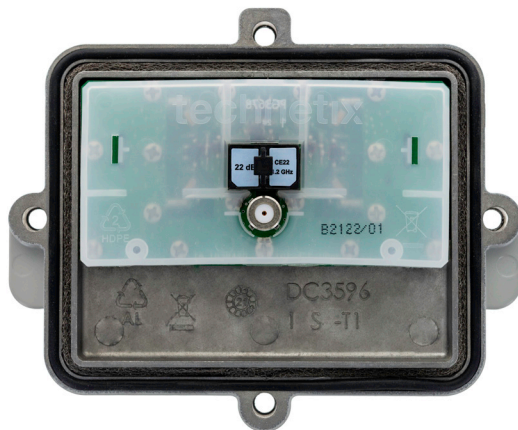


## Outdoor taps XGT signal conditioning plug-ins

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- Full range of cable equalizers and cable simulators available
- Option of 1.2 GHz and 1.8 GHz optimized simulation
- Easy to change while leaving all drop cables in place
- XGT platform compatible



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### Overview

The XGT signal conditioning plug-ins accommodate signal conditioning on the drop ports of the XGT modular multitap range of faceplates. They are optimized for both 1.2 GHz and 1.8 GHz networks.

## Outdoor taps XGT signal conditioning plug-ins

### Electrical specification

#### 1.2 GHz cable equalizers (XGT1200-CExx)

Parameter	MHz	2	3	4	6	8	9	10	12	14	16	18	20	22
Typical insertion loss (dB)	12	2.4	3.4	4.4	6.4	8.4	9.4	10.4	12.4	15.3	17.4	19.2	21.1	23.1
	65	2.3	3.3	4.3	6.3	8.2	9.1	10.0	11.9	15.0	17.1	18.7	20.4	21.9
	85	2.3	3.3	4.3	6.3	8.1	8.9	9.8	11.6	14.9	16.8	18.4	20.0	21.3
	105	2.3	3.3	4.2	6.2	8.0	8.7	9.6	11.2	14.7	16.6	18.0	19.5	20.6
	120	2.3	3.3	4.2	6.2	7.9	8.6	9.3	10.9	14.6	16.3	17.7	19.1	20.1
	204	2.3	3.2	4.0	5.9	7.1	7.6	8.0	9.1	13.6	14.8	15.9	16.8	17.3
	256	2.3	3.1	3.9	5.6	6.6	6.9	7.2	8.1	12.9	13.9	14.8	15.5	15.8
	470	2.0	2.4	2.9	4.1	4.1	4.1	4.0	4.4	9.7	10.0	10.6	11.0	10.9
	862	0.7	0.6	0.8	1.1	0.9	0.8	0.8	1.0	4.7	4.8	5.0	5.2	5.0
	1006	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.4	3.1	3.3	3.3	3.5	3.2
	1218	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.2	1.6	1.2	1.5	1.1
	Tolerance dB +/-	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0

#### 1.8 GHz cable equalizers (XGT1800-CExx)

Parameter	MHz	2	3	4	6	8	9	10	12	14	16	18	20	22
Typical insertion loss (dB)	12	2.5	3.6	4.5	6.4	8.4	9.4	10.5	12.5	14.9	17.1	19.2	20.8	23.2
	65	2.4	3.5	4.4	6.4	8.3	9.2	10.3	12.3	14.6	16.6	18.9	20.5	22.7
	85	2.4	3.5	4.4	6.4	8.2	9.2	10.2	12.1	14.4	16.3	18.8	20.3	22.4
	105	2.4	3.5	4.4	6.4	8.1	9.0	10.0	11.9	14.2	16.0	18.7	20.1	22.1
	120	2.5	3.5	4.4	6.4	8.1	9.0	9.9	11.7	14.0	15.8	18.5	19.9	21.8
	204	2.4	3.5	4.3	6.1	7.7	8.4	9.0	10.6	12.9	14.2	17.7	18.5	19.9
	256	2.4	3.5	4.3	6.0	7.3	7.9	8.4	9.8	12.1	13.2	17.1	17.6	18.7
	470	2.4	3.3	3.8	5.1	5.6	5.7	5.8	6.7	8.9	9.6	14.3	14.1	14.7
	862	2.0	2.4	2.3	3.0	2.6	2.5	2.4	2.9	5.0	5.3	9.8	9.3	9.7
	1006	1.5	1.8	1.7	2.3	1.8	1.7	1.6	2.0	4.0	4.3	8.5	7.9	8.3
	1218	0.7	0.9	0.8	1.3	1.0	0.9	0.8	1.1	2.9	3.1	6.6	5.9	6.4
	1500	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.5	1.7	1.9	4.1	3.2	3.9
	1825	0.5	0.4	0.4	0.2	0.4	0.4	0.4	0.5	0.9	1.0	1.5	0.9	1.5
	Tolerance dB +/-	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0

### Notes

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

## Outdoor taps XGT signal conditioning plug-ins

### Electrical specification

#### 1.2 GHz cable simulators (XGT1200-CSxx)

Parameter	MHz	2	3	4	6	8	9	10	12	15	18	21
Typical insertion loss (dB)	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	65	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
	85	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4
	105	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.4
	120	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.6	0.5	0.6
	204	0.2	0.2	0.2	0.3	0.5	0.7	0.9	0.9	1.4	1.3	1.6
	256	0.2	0.2	0.3	0.5	0.8	1.1	1.3	2.1	2.1	1.9	2.3
	470	0.2	0.5	0.9	1.6	2.3	3.0	3.4	3.4	5.0	4.7	5.3
	862	1.0	1.4	2.5	3.8	5.4	6.6	7.4	7.4	9.5	10.4	11.7
	1006	1.3	1.9	3.1	4.6	6.5	7.8	8.7	8.7	10.8	12.5	14.4
	1218	2.0	2.9	4.0	5.7	8.0	9.3	10.4	10.4	12.1	15.1	18.1
	Tolerance dB +/-		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0

#### 1.8 GHz cable simulators (XGT1800-CSxx)

Parameter	MHz	2	3	4	6	8	9	10	12	15	18	21
Typical insertion loss (dB)	12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	65	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1
	85	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	105	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.2	0.2
	120	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
	204	0.1	0.1	0.2	0.2	0.3	0.5	0.4	0.5	0.5	0.5	0.4
	256	0.1	0.1	0.2	0.3	0.6	0.8	0.7	0.9	0.8	0.8	0.7
	470	0.2	0.3	0.5	0.9	1.7	2.2	1.9	2.5	2.3	2.1	2.3
	862	0.5	0.9	1.4	2.4	3.9	4.8	4.5	5.8	5.8	5.6	6.1
	1006	0.7	1.2	1.8	2.9	4.7	5.6	5.4	7.1	7.3	7.2	7.7
	1218	1.0	1.7	2.4	3.8	5.8	6.7	6.8	8.8	9.6	9.7	10.4
	1500	1.4	2.4	3.1	4.9	7.1	7.8	8.5	10.8	12.9	13.5	14.8
	1825	2.0	3.1	4.1	6.0	8.4	8.8	9.9	12.1	15.3	18.0	21.8
	Tolerance dB +/-		0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0

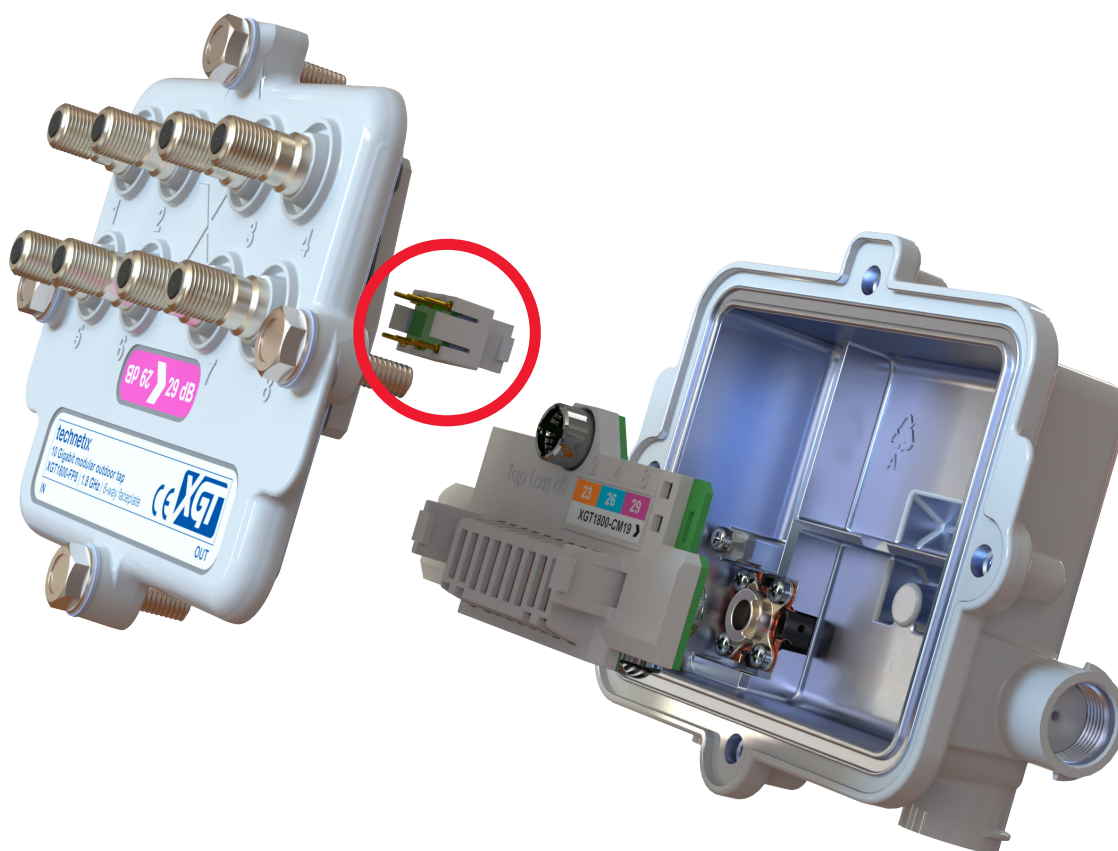
### Notes

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

## Outdoor taps XGT signal conditioning plug-ins

### Mechanical specifications

Lid & housing	Material	Brass
	Coating	Nickel plated
Metal PCB shield	Material	Mild steel
	Coating	Nickel plated



## Outdoor taps XGT signal conditioning plug-ins

### Order information

#### 1.2 GHz cable equalizers

Item number	Item code	Description
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

## Outdoor taps XGT signal conditioning plug-ins

### Order information

#### 1.2 GHz cable simulators

Item number	Item code	Description
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

#### 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