Features and Benefits

1.2 GHz Inline Drop Equalizer
GFEQ12xx Series

The 1.2 GHz full bandwidth inline drop equalizer provides signal conditioning on drops with excessive negative tilt. The equalizers are designed for indoor/outdoor use with a robust brass housing.

- **Full Bandwidth Inline Drop Equalizer**
  Install the inline equalizer to compensate for excessive negative tilt, typically found on drops of low value taps.
- **Reduce Ingress**
  Additional upstream attenuation reduces ingress.
- **Diplexerless Equalizer**
  Compatible with all upstream frequency splits.
- **Indoor/Outdoor Rated**
  Environmentally sealed to prevent water migration.
- **Extended Surge Protection**
  6 KV Ring Wave surge withstand.

Model		GFEQ1201	GFEQ1202	GFEQ1203	GFEQ1206	GFEQ1209	GFEQ1212
Specification	**Freq.** (MHz)	**01**	**02**	**03**	**06**	**09**	**12**
Insertion Loss dB (max)	5	0.98 ± 0.3	1.88 ± 0.3	2.81 ± 0.3	5.4 ± 0.3	9.0 ± 0.3	11.7 ± 0.3
	250	0.77 ± 0.3	1.34 ± 0.3	1.91 ± 0.3	3.5 ± 0.3	5.3 ± 0.3	7.5 ± 0.3
	500	0.67 ± 0.3	1.07 ± 0.3	1.66 ± 0.3	1.9 ± 0.3	2.3 ± 0.3	3.8 ± 0.3
	750	0.60 ± 0.3	0.87 ± 0.3	1.14 ± 0.3	0.85 ± 0.3	1.0 ± 0.3	1.8 ± 0.3
	100	0.54 ± 0.3	0.60 ± 0.3	0.80 ± 0.3	0.68 ± 0.3	0.65 ± 0.3	1.0 ± 0.3
	1218	0.50 ± 0.3	0.60 ± 0.3	0.70 ± 0.3	0.60 ± 0.3	0.60 ± 0.3	0.75 ± 0.3
Return Loss dB (min)	5-1000	18	18	18	18	18	18
	1000-1218	18	18	18	18	18	18

General	
Impedance	75Ω
F-connector Type	ANSI/SCTE-01

Environmental	
Operating Temperature	-40°C to +60°C
Surge Withstand	6kV Ring Wave Surge per IEEE C62.41 Cat. A3
Pressure Seal (psi)	15 psi
Corrosion Resistance	ANSI/SCTE-143 salt spray for 1000 hours

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