

COMMSCOPE AT3300G-E

ANALOG 1310 NM TRANSMITTER

Die Enhanced Performance Transmitter der COMMSCOPE AT3300G 1 GHz Serie bieten erhöhte Bandbreiten-Kapazität für die erweiterten Serviceanforderungen von HDTV, VoIP, VoD und High Speed DOCSIS. Diese Transmitter sind ideal für Broadcast- und Narrowcast-Anwendungen mit optischer Übertragung und Übertragungsverlusten von 2 bis 15dB.

- Übertragungsverluste zwischen +2 und +15 dB
- 46–1002 MHz HF Bandbreite
- Ermöglicht hohe Rack-Dichte (14 Transmitter pro 3RU Gehäuse)
- Belegt nur einen Steckplatz
- +15 dBmV/Kanal HF Input Drive Level
- Superior Flatness, ± 0.6 dB
- -20 dB Eingangstestpunkt an der Vorderseite
- Laser On/Off Interlock Switch an der Vorderseite
- True dynamic Plug and Play
- Open Standard TCP/IP SNMP Support
- Status Monitoring Lokal und über Fernsteuerung möglich
- HF Pegelsteuerung und Alarm-Level-Einstellungen lokal oder über Fernsteuerung



SPEZIFIKATIONEN

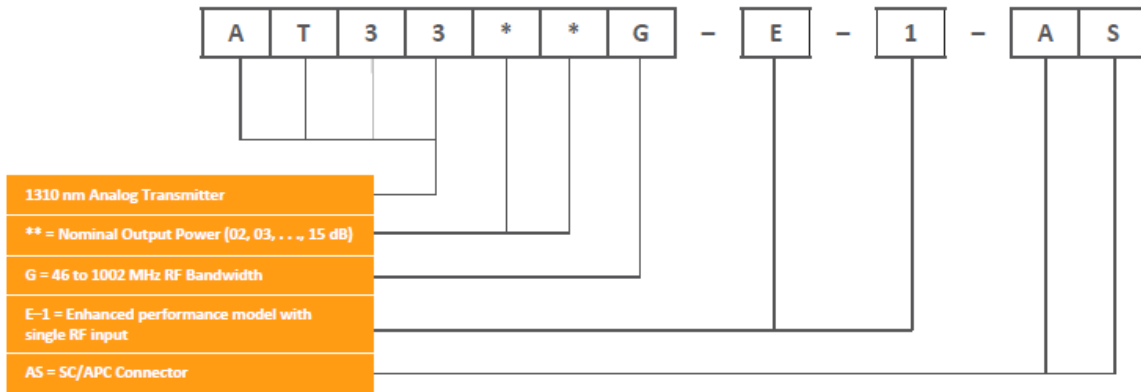
PHYSICAL	
Dimensions	13.0" D x 4.3" H x 1.0" W (3RU) (33 cm x 11 cm x 2.5 cm)
Weight	1.7 lbs (0.77 kg)
RF AND OPTICAL INTERFACE	
RF input(s)	F-type (at Back Plate BP-A1)
Input RF test point	G-type (at front panel, -20 dB)
Optical connector	SC/APC (at Back Plate BP-A1)
POWER REQUIREMENTS	
Input voltage	12 VDC
Power consumption	12 W

ELECTRICAL	
Fiber-only link performance ¹ (with full channel loading of 54–552 MHz analog and 552–1002 MHz QAM)	CNR ² : 53 dB (models with 2 to 11 dBm output power) 52 dB (models with 12 to 15 dBm output power) CSO ³ : 65 dB CTB: 70 dB XMOD: 65 dB ¹ Guaranteed over full operating temperature range ² CNR measurements with 4 MHz noise bandwidth for NTSC channels. ³ CSO: 62 models with 14 to 15 dBm output power.
Pass band	46–1002 MHz
79 NTSC analog channel	loading 46-552 MHz
450 MHz QAM channel loading	552-1002 MHz (6 dB below analog channels)
Frequency response (including slope)	±0.6 dB
Nominal RF input levels (dBmV/ch)	NTSC 50-552 MHz: 15 • QAM 552-1002 MHz: 9
Manual gain control range	–6 to 0 dB (relative to nominal level)
Manual gain control step	0.5 dB
Input impedance	75 Ω
Input return loss, minimum (all RF inputs)	16 dB (550–1002 MHz) 18 dB (46–550 MHz)
Level stability	±1 dB (over operating temperature range)

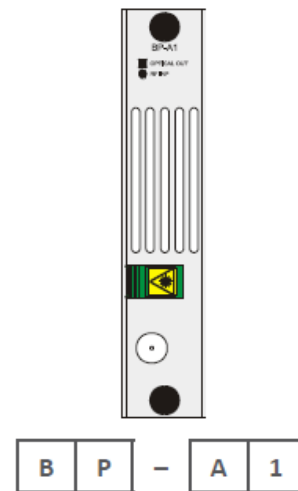
VERLUSTE UND LEISTUNG

LINK LOSS (dB)	OUTPUT POWER (dBm)	FIBER LOSS (min) (dB)
2	1.75 - 2.75	1.5
3	2.75 - 3.75	2.5
4	3.75 - 4.75	3.5
5	4.75 - 5.75	4.5
6	5.75 - 6.75	5.5
7	6.75 - 7.75	6.5
8	7.75 - 8.75	7.5
9	8.75 - 9.75	8.5
10	9.75 - 10.75	9
11	10.75 - 11.75	9
12	11.75 - 12.75	9
13	12.75 - 13.75	9
14	13.75 - 14.75	9
15	14.75 - 15.75	9

BESTELLINFORMATIONEN



Required Module Back Plate
Back plates are included with ordered modules.



RELATED PRODUCTS

CH3000 Chassis	Optical Patch Cords
Optical Transmitters	Optical Passives
BP Back plates	Installation Services