

ARRIS NTM 324x

PWRBLAZER OPTICAL NODE RETURN TRANSMITTER MODULE

Für den PWRBlazer Optical Node sind folgende Rückweg-Sendermodule erhältlich:

NTM 3244

1310 nm, 0 dBm Fabry-Perot Laser

NTM 3245

1310 nm, +3 dBm DFB Laser

NTM 3245L

1310 nm, 0 dBm DFB Laser

NTM 3246

1310 nm, +5 dBm DFB Laser

NTM 3248

1550 nm, +3 dBm DFB Laser

NTM 3248L

1550 nm, 0 dBm DFB Laser

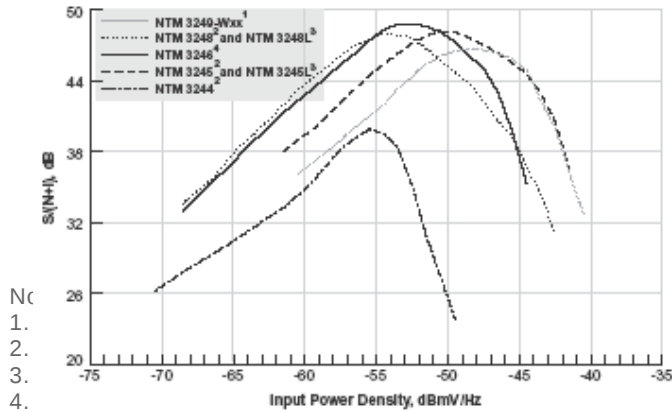
NTM 3249

ITU, +8 dBm DFB Laser

Für DWDM



NOISE POWER RATIO



LASER TYPE	POWER REQUIREMENTS	CONNECTORS	
NTM 3244: Fabry Perot	NTM 3244, 3245, 3245L, 3248,	SC/APC:	NTM 3244-AS, 3245-AS,
NTM 3245, 3245L,	NTM 3248L: 5 W		NTM 3245L-AS, 3246-AS,
NTM 3248, 3248L: Isolated DFB	NTM 3246, 3249: 15 W		NTM 3248-AS, 3248L-AS,
NTM 3246, 3249: Isolated, cooled DFB	NETWATCHTM ELEMENT MONITORING SYSTEM		NTM 3249-W0x-AS, 3249-Cxx-AS
OPTICAL OUTPUT	Module Version-Monitor	SC/UPC:	NTM 3244-US, 3245-US, 3246-US
NTM 3244, 3245L,	Laser Current-Monitor	FC/APC:	NTM3244-AF, 3245-AF, 3246-AF
NTM 3248L: ≥ 0 dBm	Laser Power-Monitor	FC/UPC:	NTM 3244-UF, 3245-UF, 3246-UF
NTM 3248, 3245: $+ 3 \pm 0,25$ dBm	PHYSICAL	LINK PERFORMANCE	
NTM 3246: $+ 5 \pm 0,5$ dBm	(WxHxD): 14 x 5,1 x 4,9 cm	Video	NTM 3244
NTM 3249: $\geq + 8$ dBm	Weight: 0,3 kg	CNR	45 dB
WAVELENGTH		C/DSO*	41 dB min
NTM 3244/3245/3245L/3246	1280-1335 nm	C/IM3**	60 dB min
NTM 3248/3248L	1530-1575 nm	NTM 3245/ NTM 3248	NTM3245L/ NTM 3248L
NTM 3249-C53	1535,04 nm	53 dB	53 dB
NTM 3249-C51	1536,61 nm	45 dB min	45 dB min
NTM 3249-C49	1538,19 nm	60 dB min	60 dB min
NTM 3249-C47	1539,77 nm	NTM 3246	NTM 3249
NTM 3249-C45	1541,35 nm	54 dB	56 dB
NTM 3249-C43	1542,94 nm	52 dB min	50 dB min
NTM 3249-C41	1544,53 nm	59 dB min	65 dB min
NTM 3249-C39	1546,12 nm	RF INPUT	USER INTERFACE
NTM 3249-W01	1549,32 nm	Flatness: ± 1 dB	RF Input Test Point: - 10 ± 1 dB
NTM 3249-W02	1550,92 nm	Nominal RF Input/Video Data	Optical Output Level: 1 V/mW
NTM 3249-W03	1552,52 nm	NTM 3246: 13 dBmV,	DC Power: green LED
NTM 3249-W04	1554,13 nm	NTM 3249: 20 dBmV	Optical Power Alarm: red LED
NTM 3249-W05	1555,75 nm	NTM 3244/3245/3245L, 3248,	
NTM 3249-W06	1557,36 nm	NTM 3248L: 23 dBmV	
NTM 3249-W07	1558,98 nm	Operating Band: 5200 MHz	
NTM 3249-W08	1560,61 nm	Monitoring Input: 14 dBmV	