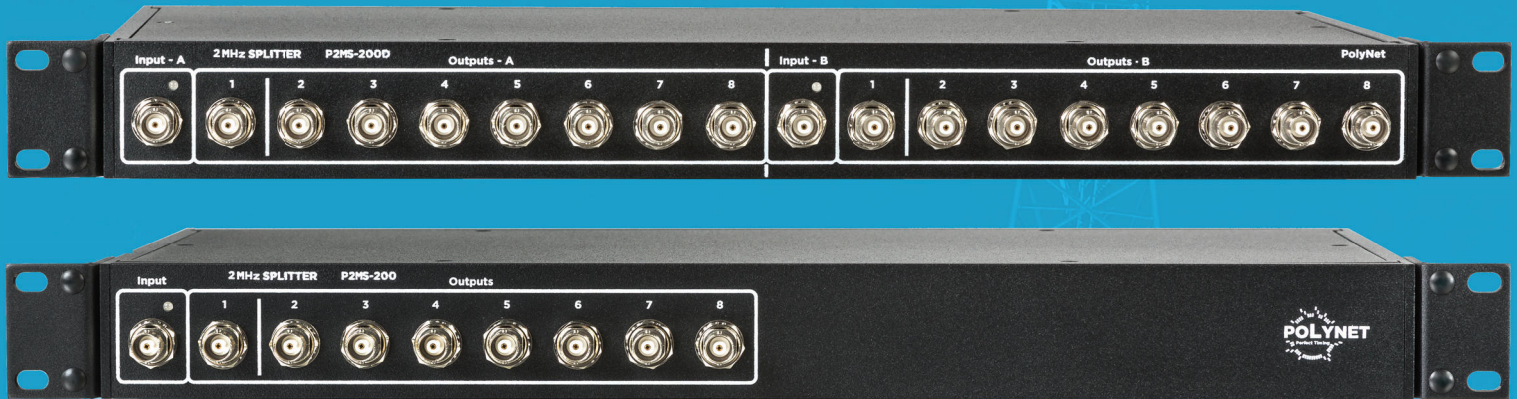


■ One input to eight output 2MHz Splitter



Amplification and distribution of one incoming 2.048 MHz signal to eight output ports

2.048 MHz 75 ohm coaxial infrastructure

Transparent distribution of one input to eight independent outputs

Two 2MHz Splitter in one 1U height 19" box (option)

Extended input attenuation range

Excellent jitter filtering feature

Simple operation visual control by single front panel lamp

Simple remote control by two floating contacts

Low profile, low power consumption, simple maintenance

TECHNICAL DATA

Input parameters:

Input connector	BNC Female
Input impedance	75 ohm; coaxial (ITU-T G.703)
Nominal frequency	2.048 MHz \pm 50 ppm
Attenuation tolerance	min. 6 dB @ 1024 kHz; \sqrt{f}
Return loss	2048 kHz: min. 15 dB

Output parameters:

Output connectors	BNC Female
Output impedance	75 ohm; coaxial (ITU-T G.703)
Output wave form	ITU-T G.703 Fig 15-1
Maximum peak voltage	1.5 V
Minimum peak voltage	0.75 V
Maximum output jitter when the input signal is jitter free	Max 0.05 UIpp (Measuring filter: 20 Hz to 100 kHz)

Alarm outputs:

Alarm outputs:	Two floating contact Max. 60 Vdc; max. 100 mA
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Alarm outputs and front panel lamp signs:

Event	X1 (LOS) contact	X2 (AIS) contact	Front panel lamp
No input power	Closed	Closed	○ Dark
No input 2MHz	Closed	Open	● Red
Loss of frequency	Closed	Closed	● Yellow
Input is valid, normal state	Open	Open	● Green

TECHNICAL DATA

Power supply:

Input voltage range	38 to 70 Vdc reverse voltage and over voltage protected
Fuse	0.2 A "T"
Power rating	3W (One 2MHz splitter)

Environmental condition

Operating conditions	EN 300 019-1-3 Class 3.2 (Partly temperature controlled locations).
Operating temperature range	-5 to +45 °C
Relative humidity	5 ...95 %

Size and weight:

Size	1U; 19" (422 x 203 x 44 mm)
Weight	3 kg

Back plane view



PolyNet Ltd. reserves the right to change the specifications for improvement without notice.
Issue: 2MHz Splitter-BNC July 2020.