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Annexure-1

Technical specifications- High Frequency Photodetector

Parameter	Requirement
Bandwidth	3dB at ≥ 30 GHz
Coupling	AC
Optimized operating window	1530nm – 1560 nm (C band)
Frequency flatness	± 1 dB
Impedance	50 Ω
Input optical power for linear operation	≥ 10 dBm
Noise effective power	< 50 pW/Hz ^{1/2}
Responsivity	≥ 0.7 A/W @1550 nm
Fiber connector	FC/APC
Operating temperatures	0-60 °C
Optimized application	Analog radio over fiber link

Vendor must quote along with the compliance table for the specifications and charges should include CIF containing all Four Quantity.
Online support within 24 hours should be assured.

Thanking you,

Yours truly,

Deepa Venkitesh
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