cloudtronics®

SINGLE WINDOW CIRCULATOR

TX/RX OVER SINGLE CORE

The Cloudtronics Circulator provides a unique solution to convert TX and RX paths that traditionally use 2 fibres into a 1 fibre solution

Cloudtronics solution enables fibre mining (saving fibres) or capacity expansion, where 2 fibres can provide double the capacity.

Specification

No	Parameters	Specification
1	Operating Wavelength Range (nm)	1271-1331
2	Insertion Loss (dB) [Port 1 to Port 2]	≤1.1
3	Isolation (dB) [Port 2 to Port 1]	≥40
4	Return Loss (dB) [Port 1]	≥50
5	Channel Cross Talk [Port 1 to Port 3]	≥50
6	Maximum Power Handling (mW)	500
7	Operating Temperature	-0°C ~+ 70°C
8	PMD (PS)	≤ 0.1