

PRODUCT SPECIFICATION

Product code:

IXF-RAD-AMP-3

	Parameter	Specification	Units
1	Absorption @ 1530 nm	16 ±2	dB/m
2	Absorption @ 980 nm	13.5 ±1.5	dB/m
3	MFD @ 1550 nm	9.5 ±1.5	µm
4	Background losses	< 15	dB/km
5	Cutoff Wavelength	< 1150	nm
6	Cladding Diameter	125 ±2	µm
7	Coating Diameter	245 ±10	µm
8	Proof test level	100	kpsi
9	Splice Loss (to SMF28)	< 0.20	dB
10	RIGV @1545nm	< 0.005	dB/kRad

Comments

RIGV : Radiation Induced Gain Variation

RIGV has been measured in amplifier configuration with -20dBm 1545nm input signal and 100mW 976nm constant forward pumping (fiber length = 8m)

Written by: A. LAURENT

Effective date of this document: 15/01/2018

Edition: A

Document reference: IXF-RAD-AMP-3_edA.pdf