

RGB Fiber Combiner

☆Description

XHP RGB fiber combiner features low insert loss, stable and reliable. It can be integrated into fiber communication system, fiber sense, laser microscope, laser display, and biomedicine etc.



☆Specifications

Parameters	Units	Value
Center wavelength	nm	635 (R)/532 (G)/488 (B) or customized
RGB typical insert loss (in →out)	dB	0.8
RGB max. insert loss (in →out)	dB	1.2
Thermal stability	dB/°C	≤ 0.005 (-5 ~ +70 °C)
Min. return loss	dB	50
Min. directivity	dB	50
Max. holding power	mW	100
Fiber	-	Nufern 460-HP fiber
Operating temperature	°C	-5 ~ +70
Storage temperature	°C	-40 ~ +85

☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-RGB
XX	Operating wavelength	RGB = 635nm, 532nm, 488nm, S = customized
XX	Fiber	F1 = Nufern 460-HP fiber, S = customized
X	Pigtail	PT1 = 250um bare fiber, PT2 = 900um loose tube, PT3 = 2mm loose tube, PT4 = 3mm loose tube
X	Interface	1 = FC/UPC, 2 = FC/APC, 3 = SC/APC, 4 = SC/UPC, 5 = LC/UPC, 6 = customized
XXX	Fiber length	L08 = 0.8m, L10 = 1.0m
XXX	Package size	PS1 = customized

Example: XHP-RGB-F1-PT1-2-L10-PS1