

# Packaged Waveguide Accessory Pack (WGP-AC)

Version 1.2/2021

The Waveguide Package Accessory Pack contains optimally selected input and output fibre PM patch-cords for maximum modal overlap and to minimise coupling loss between the Waveguide Package and the patch-cord.

The additionally contains the both input and output patch cords, with 3mm sheathing for robustness, along with 2x fused FC/APC optical fibre union to ensure maximum alignment of the slow axis of the fibre connector in the Waveguide Package and Patchcord.

The accessory pack is compatible with both the Packaged Waveguide (WGP) and Fibre Coupled Component (WGCO) modules.

Specification		
Optical Fibre Union Type	Fused, square flanged FC/APC	
No. of Optical Fibre Unions	2	
	Input	Output
Patch Cord Fibre Type	Polarisation Maintaining (PM)	
Patch Cord Length (m)	1	
Patch Cord Jacket Type	3mm OD PVC	
Patch Cord Connector Type	FC/APC	
Patch Cord Connector Keyway	R (2mm)	
Alignment of Keyway	Aligned to Slow Axis	
Typical Back Reflection (dB)	-60	
Typical Insertion Loss (dB)	<0.2 (Max 0.4)	<0.5 (Max 0.75)
Typical MFD ( $\mu\text{m}$ )	$\sim 10.5 \pm 1$	$\sim 5.5 \pm 1$

**Contact us with your specification to discuss availability and pricing**