

# High Power Transmission Fibre Patchcord



## Products Details

### Applications

- High power transmission
- Laser precision machining
- Atmospheric spectral measurement
- Laser lithotripsy

### Specifications

Product Type	D80-D80-SI200/500-22/1400E(DC)-1×A80-5m	D80-D80-SI600/750-22/1700E(DC)-1×A80-5m	SMA905-SMA905-SI400/440-22/730-1×A30-5m
Operating Wavelength (nm)	400 ~ 2400		
NA	0.22 ± 0.02		
Fibre Type	Step Index		
Geometric Parameters			
Core Diameter (μm)	200.0 ± 5.0	600.0 ± 10.0	400.0 ± 8.0
Cladding Diameter (μm)	500.0 ± 5.0	750.0 ± 10.0	440.0 ± 8.0
Jacket Diameter (μm)	1400.0 ± 50.0	1700.0 ± 50.0	730.0 ± 30.0
Material			
Core Material	Low OH fused silica		
Jacket Material	ETFE	Low OH fused silica	
Patch Cord Performances			
Transmission Efficiency (%)	>90@1.06μm,length 5m		>90@0.98μm,length 5m
Laser Resistance (CW) (W)	<u>150@1.06μm</u>	<u>600@1.06μm</u>	<u>150@0.98μm</u>

\*Fibre geometric ,numerical aperture and fibre length can be customized , SMA905 high power hanging / flat head is optional, and water-cooled connector is also optional