

## OPTICAL FIBER COMPONENTS – PIGTAILS



ADH offers quality pigtails which are single ended with connectors. ADH pigtails come with good end face geometry, full standard optical specifications, precise length and tolerances. The pre-polished pigtails give the quality, confidence and convenience to be installed and spliced in the field.

### FEATURES

- Adopts high precision ceramic ferrule with good concentricity.
- Advanced termination facilities & process, deliver good geometry characteristics of apex offset & radius of curvature & fiber height.
- 100% inspected for optical characteristics & fiber end face finish
- Low insertion loss & return loss, clean and scratch-free end faces
- Good performance endurance under circumstances changing.

SPECIFICATIONS			
Connector Type		SC/ST/FC/LC	
Optical Fiber		Corning single-mode G652D, G657A, G657B	Corning multi-mode OM1, OM2, OM3, OM4
Cable Type		PVC	
		0.9mm/2.0mm/3.0mm Simplex & Duplex	
Cable Color, Length		Yellow for single mode, orange for multi-mode & aqua for OM3 1m, 2m and 3m. Other lengths on request.	
Optical Specification	Insertion Loss	Typical: $\leq 0.2\text{dB}$ , Max. $0.3\text{dB}$ (MTRJ: Max. $0.5\text{dB}$ )	Typical: $\leq 0.2\text{dB}$ , Max. $0.3\text{dB}$ (MTRJ: Max. $0.5\text{dB}$ )
	Return Loss	PC $\geq 45\text{dB}$ , UPC $\geq 50\text{dB}$ , APC $\geq 60\text{dB}$	$\geq 30\text{dB}$
Mechanical Specification	Ferrule	Ceramic, (MTRJ: PS-Polyphenylene Sulphide)	
	Apex Offset	< 50 $\mu\text{m}$	
	Fiber Height	$\pm 100\text{nm}$	
	Radius of Curvature	7mm R < 25mm(Excluding MTRJ)	
	Repeatability	$\leq 0.2\text{dB}$ 1,000 times mating cycles	
Working Temperature		-40°C ~ +85°C	
Storage Temperature		-40°C ~ +85°C	

### Ordering Information:

ADH-PG-STMM	ADH Pigtail Multimode ST Type connector
ADH-PG-SCMM	ADH Pigtail Multimode SC Type connector
ADH-PG-LCMM	ADH Pigtail Multimode LC Type connector
ADH-PG-FCMM	ADH Pigtail Multimode FC Type connector
ADH-PG-STSM	ADH Pigtail Singlemode ST Type connector
ADH-PG-SCSM	ADH Pigtail Singlemode SC Type connector
ADH-PG-LCSM	ADH Pigtail Singlemode LC Type connector
ADH-PG-FCSM	ADH Pigtail Singlemode FC Type connector