

## High Performance Reference Cables

### Overview

#### High Performance Reference Cables

To accurately and repeatedly measure insertion loss and return loss the reference connector needs to outperform the connector under test. Reference cables from OptoTest are manufactured and certified to the necessary high standard exceeding FOTP171A (A2.2.1).

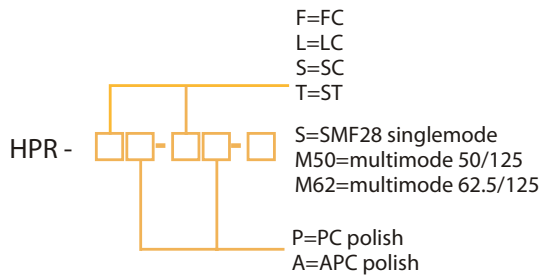
The HPR series of reference cables are offered with connectors for FC, SC, ST and LC and PC (UPC) or APC polish. The reference-end is certified and exceeds the requirements of FOTP171A (A2.2.1). The source-end meets the standards requirements for PC or APC polish. It is not necessary for the source-end to have the same connector style as the reference end, hybrid cables are available as well.



HPR-FP-FP-S Performance Reference Cable FC/PC to FC/PC

### Features

#### HPR Reference Cables



Keep your cables clean by using OP-Clean

For example a **HPR FP-SA-S** is a singlemode reference cable with a FC/PC connector at the reference-end and a SC/APC connector at the source-end.

	PC	APC
Insertion Loss	<0.05dB	
Return Loss ( 1300nm and 1550nm)	>55dB singlemode >45dB multimode	>70dB singlemode >50dB multimode
Radius of curvature	14mm .. 25mm	8mm .. 12mm
Apex offset	<30um	
Fiber height	+/- 50nm	
Fiber core position (eccentricity)	<0.5um	