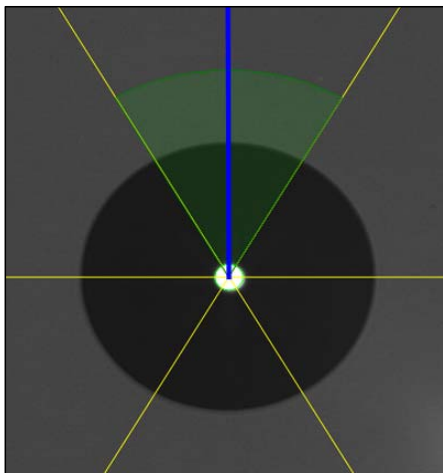


## REFERENCE (MASTER) CABLE ASSEMBLIES



Snapshot from concentricity measurement equipment

### Key Specifications for Master Connector:

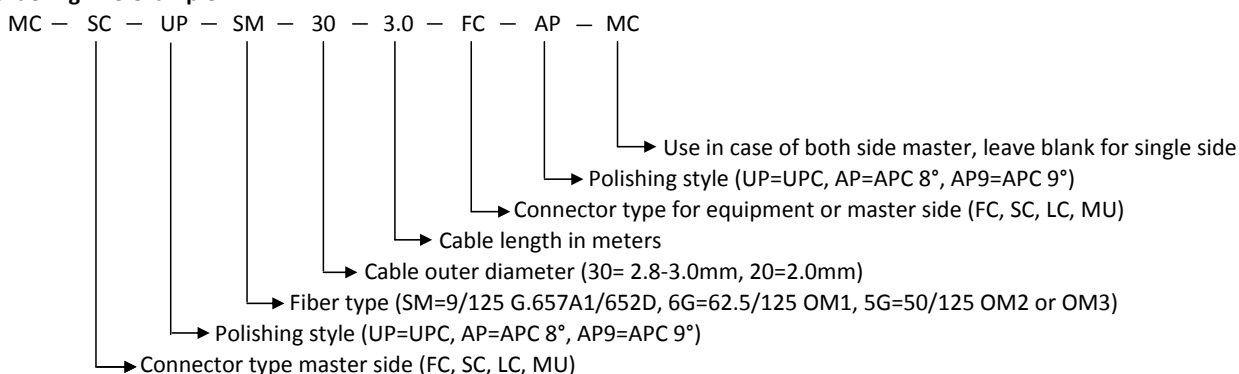
| Parameter           | min allowed | max allowed |
|---------------------|-------------|-------------|
| Concentricity*      | 0.00µm      | 0.60µm      |
| Ovality error       | 0.00µm      | 0.15µm      |
| Triangularity error | 0.00µm      | 0.15µm      |
| Bearing error       | -30.00°     | 30.00°      |
| Apex offset         | 0.00µm      | 35µm        |

\*Note: Eccentricity = 0.5\*Concentricity  
Equipment measures concentricity value

Reference (master) cable assemblies are necessary for component test procedures. These can come in single-side master version or both-side master version. Single-side master version is the most commonly used in component test procedures. Master side provides connection to device under test (DUT), while equipment side provides connection to the equipment's output or input port.

Ferrules or master connectors are specially selected for lowest achievable concentricity, ovality and triangularity.

### Ordering info example:



### Features:

- Ultra Low Insertion Loss
- Suitable for Component Test
- Telcordia GR.326-CORE Issue4 Compliant
- Uses Seikoh Giken's High Quality Connectors
- E2000/APC Style Master Connectors Available

### Specifications

|                                 |         |    |                |
|---------------------------------|---------|----|----------------|
| Insertion Loss (Master Side)    | max     | dB | 0,10           |
| Insertion Loss (Equipment Side) | max     | dB | 0,20           |
| Return Loss for PC              | min     | dB | 55             |
| Return Loss for APC             | min     | dB | 70             |
| Operating Temperature           | min-max | °C | -20 +70°       |
| Storage Temperature             | min-max | °C | -20 +70°       |
| Fibre Type                      |         |    | G.657.A1/652.D |
| Jacket Outer Diameter           |         |    | 2mm or 3mm     |