



CABLE 191 RF: RF CABLE ASSEMBLY, I-PEX MHF 4/4L + I-PEX MHF I + MULTIPLE CABLE SIZES

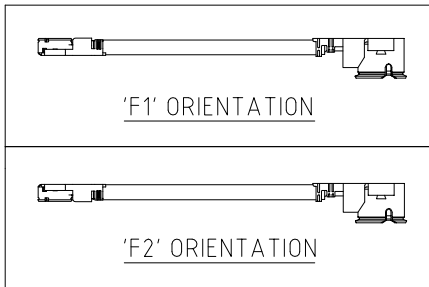
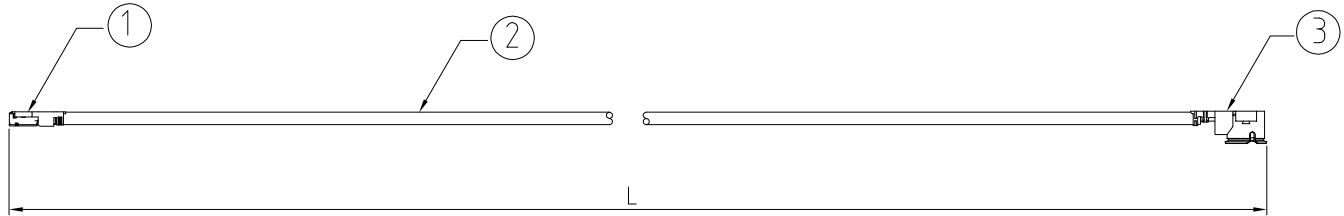
SPECIFICATIONS:

1. I-PEX MHF 4 PLUG, GOLD, P/N:  
 FOR  $\phi 0.81\text{MM}$  CABLE: 20448-001R-081 (MHF 4)  
 FOR  $\phi 1.13\text{MM}$  CABLE: 20565-001R-13 (MHF 4L)  
 FOR  $\phi 1.37\text{MM}$  CABLE: 20632-001R-37 (MHF 4L)
2. COAXIAL CABLE, SEE P/N FOR DETAIL.
3. I-PEX MHF I PLUG, GOLD, P/N:  
 FOR  $\phi 0.81\text{MM}$  CABLE: 20278-112R-08  
 FOR  $\phi 1.13\text{MM}$  CABLE: 20278-112R-13  
 FOR  $\phi 1.37\text{MM}$  CABLE: 20351-112R-37

**USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:**  
 (i) HANDLE WITH CARE.  
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.  
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

NOTES:

1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 25MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRAD CONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz
5. OPERATING TEMPERATURE:  $-40^{\circ}\text{C}$  TO  $+90^{\circ}\text{C}$
6. IMPEDANCE: 50 OHM.



HOW TO ORDER

CABLE 191 RF - X X X - X X - X

"L" LENGTH IN MM

eg: 100MM = 100

(MIN. = 025, MAX. = 400)

STANDARD = 100, 150, 200)

Tolerance: <50mm:  $\pm 2\text{mm}$ .

51-200mm:  $\pm 5\text{mm}$ .

201-400mm:  $\pm 7\text{mm}$ .

CABLE SIZE OPTIONS:

1 =  $\phi 0.81\text{MM}$  CABLE, COLOR: GRAY.

2 =  $\phi 1.13\text{MM}$  CABLE, COLOR: GRAY.

3 =  $\phi 1.13\text{MM}$  LOW LOSS CABLE, COLOR: GRAY

4 =  $\phi 1.37\text{MM}$  CABLE, COLOR: BLACK

5 =  $\phi 1.37\text{MM}$  CABLE, COLOR: GRAY.

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION

F1 = OPPOSITE ORIENTATION (L=25-220MM)

F2 = SAME ORIENTATION (L=25-220MM)

(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

10	26/11/14 - NYW RELEASE
11	27/11/14 - NYW ADD MHF IV DETAIL DRAWING
12	03/09/19 - NYW ADD 1.13 CABLE OPTION
13	21/02/20 - NYW ADD IPEX 4L DETAIL DRAWING
14	20/04/23 - NYW ADD CABLE SIZE OPTION 3.
15	20/02/24 - NYW ADD CABLE SIZE OPTIONS 4 & 5.

Scale: NTS	THIRD ANGLE	Unstated X .XX .XXX ANGLES	Tolerances: $\pm 0.2$ $\pm 0.2$ $\pm 0.2$ N/A	Material SEE NOTE
Drawn: NYW		Title CABLE ASSEMBLY		NOT TO SCALE
App'd: XXX	Revision: 15		Unit: mm	
Date: 20 FEB '24				

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Drawing Number: CABLE 191 RF	
Sheet 1	of 1
Drawing	E and O E