

CABLE 052 RF: RF CABLE ASSEMBLY, I-PEX MHF + I-PEX MHF + MULTIPLE CABLE SIZES

SPECIFICATIONS

1. I-PEX MHF PLUG :

- FOR  $\phi$  1.32MM CABLE: 20278-112R-32
- FOR  $\phi$ 0.81MM CABLE: 20278-112R-08
- FOR  $\phi$ 1.13MM & 0.047" CABLE: 20278-112R-13
- FOR  $\phi$ 1.37MM CABLE: 20351-112R-37
- FOR RG178 CABLE: 20278-112R-18

2. SEE CABLE SIZE OPTIONS.

NOTES:

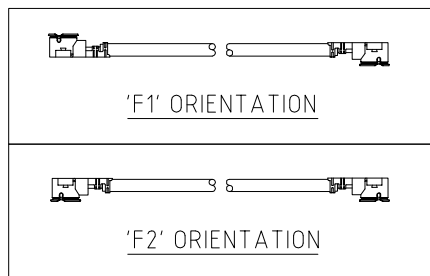
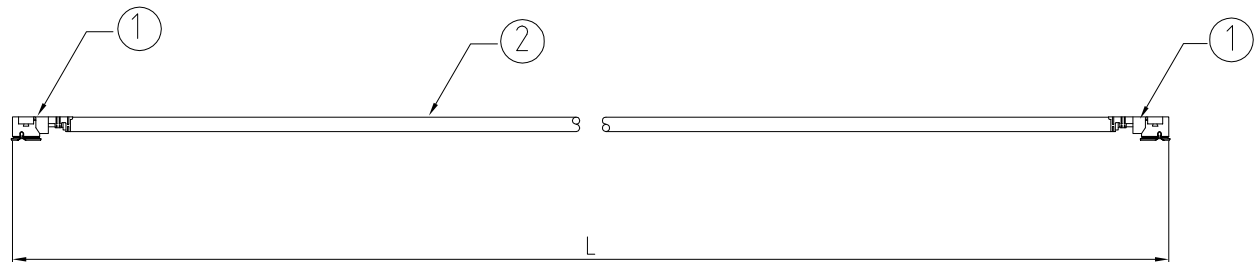
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.

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

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.



CABLE SIZE OPTIONS:

- BLANK =  $\phi$ 1.32MM CABLE, COLOR: GRAY
- 2 =  $\phi$ 1.13MM CABLE, COLOR: GRAY
- 3 =  $\phi$ 1.37MM CABLE, COLOR: BLACK
- 4 = RG178 CABLE, COLOR: BROWN
- 5 =  $\phi$ 0.047" SEMI-RIGID CABLE, COLOR: SILVER
- 6 =  $\phi$ 1.13MM CABLE, COLOR: BLACK
- 7 =  $\phi$ 1.13MM LOW LOSS CABLE, COLOR: GRAY
- 8 =  $\phi$ 0.81MM CABLE, COLOR: GRAY
- 9 =  $\phi$ 1.37MM LL CABLE, COLOR: BLACK

HOW TO ORDER

CABLE 052 RF - XXX - XX - X

"L" LENGTH IN MM  
 eg: 100MM = 100  
 (MIN. 025-MAX.400)  
 STANDARD = 100, 150, 200  
 Tolerance: <50mm :  $\pm$ 2mm.  
 51-200mm:  $\pm$ 5mm.  
 201-400mm:  $\pm$ 7mm.

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)

REV. DATE & DRN	10 02/10/08 - NYW RELEASE
11 28/11/08 - NYW	CHANGE IPEX P/N TO 20278-112R-32 (HALOGEN FREE)
12 17/12/08 - NYW	ADD ORIENTATION OPTION F1
13 07/02/09 - GJC	ADD CABLE SIZE OPTIONS 20278-112R-32 PER OPTION F2
14 20/03/10 - NYW	ADD CABLE SIZE OPTION 5.
15 27/03/10 - NYW	CHANGE RG178 TO BROWN.
16 25/08/10 - NYW	ADD CABLE OPTION 6.
17 18/09/13 - NYW	AMEND IPEX RG178 P/N.
18 24/06/19 - NYW	ADD CABLE SIZE OPTION 7.
19 28/01/21 - NYW	REMOVE CABLE SIZE 1 (MHF2). ADD CABLE SIZE 8 (MHF1).
20 20/04/23 - NYW	ADD CABLE SIZE OPTION 9.

Scale: NTS	THIRD ANGLE	Unstated X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A	Material SEE NOTE
Drawn: NYW				
App'd: XXX	Title CABLE ASSEMBLY	NOT TO SCALE		
Date: 20 APR. '23	Revision: 2.0	Unit: mm		



www.gradconn.com

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Type: Cable 052 RF
CABLE 052 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and O E