



Base Transceiver Station Connector Lineup

Hirose Electric, as a world leader in the connectivity industry, has been developed a broad innovative electronic connectors over the years since its founding. Please visit our Web site for details of the listed products as well as other related product lines.

Waterproof Connectors IP67 or More

Power Supply

HR41



Bayonet lock, Plastic shell 2000 hours of sunshine weather test, 15kV of lightning surge protection

HR41A



Push-on bayonet lock, Plastic shell, 15kV of lightning surge protection

JR-W



Screw lock, Metal shell, Black chromium plating suitable for harsh environment

RM-W



Screw lock, Metal shell, IP68 receptacle in unmated condition



Data Transmission

HR34B



Small & light weight, Push-on bayonet lock

Optical Transmission

SW20



Built-in SC/LC, Metal shell Bayonet lock Black Chromium plating

MF10B



Small size, Bayonet lock, Accepts patch cords. Black chromium plating

LF



Small & robust, Metal shell Bayonet lock Black chromium plating

SW14



Built-in standard LC, Metal shell Bayonet lock Black chromium plating

SW23



Waterproof LC connectors for direct SEP attachment, Black chromium plating

High Speed Connectors

Board to Board

XG1 10+Gbps



FX18 10+Gbps



FX10 10+Gbps



FX8C 3.125Gbps



FX23 8Gbps



FX10 15+Gbps (3 piece)

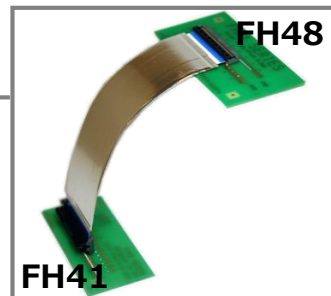


Shielded FFC

0.5mm Pitch, 0.5A, 50V

FH41: Vertical mating 15-68pos.

FH48: Horizontal mating 20-68pos.



	XG1	FX18	FX10	FX8C	FX23	FX10 (3-piece)
Pitch	0.5	0.8	0.5	0.6	0.5	0.5
Rated Current (A)	0.3	Signal: 0.5 Power: 3	0.3	0.4	Signal: 0.5 Power: 3	0.3
Rated Voltage (V)	50	100	50	100	50	50
Stacking Height (mm)	15-38	15/20/25/30 (U/D: 35/40/45)	4, 5	3-16	15-30	8-13
Remarks	-	Vertical & co-planar type available	-	-	Power hybrid	Floating

Specifications herein are subject to change without notice. Please contact Hirose for the latest specifications, drawings and availabilities.

Power Supply Connectors

**DF60**

Pitch: 10.16mm
Rated current: 65A max.
Rated voltage: 1000V
AWG wire: 8
Pin counts: 1-6

**DF22**

Pitch: 7.92mm
Rated current: 30A max.
Rated voltage: 1000V
AWG wire: 10-16
Pin counts: 1-5

**DF63**

Pitch: 3.96, 7.92mm
Rated current: 15A max.
Rated voltage: 630V
AWG wire: 16-22
Pin counts: 1-6

**HR31**

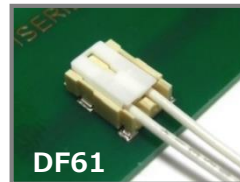
Pitch: 5.08mm
Rated current: 12A max.
Rated voltage: 250V AC, 350V DC
AWG wire: 14-22
Pin counts: 5

**DF63SF**

Pitch: 3.96mm
Rated current: 12A max.
Rated voltage: 600V
AWG wire: 16-18
Pin counts: 3

**FX30B**

Pitch: 3.81mm
Rated current: 23A max.
Rated voltage: 250V
Pin counts: 2-5
Mis-alignment absorbing

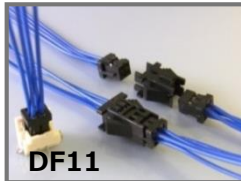
**DF61**

Pitch: 2.2mm
Rated current: 5A max.
Rated voltage: 350V
AWG wire: 22-28
Pin counts: 2
Swing lock

**DF59**

Pitch: 2.0mm
Rated current: 3A max.
Rated voltage: 230V
AWG wire: 22
Pin counts: 2-4
Swing lock

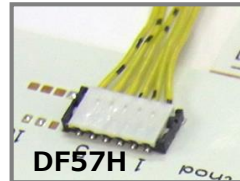
Signal Transmission Connectors

**DF11**

Pitch: 2.0mm
Rated current: 2A
Rated voltage: 250V
AWG wire: 22-30
Pin counts: 4-32

**GT8E**

Pitch: 2.0mm
Rated current: 3A
Rated voltage: 250V
AWG wire: 22-28
Pin counts: 2-24

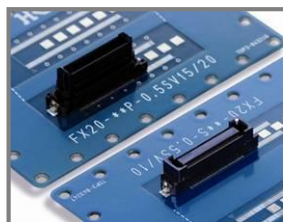
**DF57H**

Pitch: 1.2mm
Rated current: 2.5A
Rated voltage: 50V
AWG wire: 26-34
Pin counts: 2-6
Swing lock

**DF24**

Pitch: 0.9mm
Rated current: 1A
Rated voltage: 80V
AWG wire: 28-36
Pin counts: 40, 50

Floating Connectors

FX20

Pitch: 0.5mm
Stacking height: 15/20/25/30mm
± 0.6mm min. floating in XY directions
Rated current: 0.5A
Rated voltage: 50V

Miniature RF Connectors

MMCX**U.FL****H.FL****SMP**

	MMCX	U.FL	H.FL	SMP
Frequency (GHz)	0-6	0-6	0-3	0-18
V.S.W.R. (Max.)	1.2	1.3	1.3	1.2
Height	Industry standard	2,4mm	3mm	10mm

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