

Junkosha Precision Skew Matched cables

Phase Performance That Endures



Less than 1ps(Peak - Peak) skew control

**For
IP Design Verification test set up
High Speed Differential Transmission**

- Highly precise skew match cable assembly with less than 1psec skew between the two cables for measurement of digital transmission (Continuous operating temperature range : -30 to +85 degree C)
- Low insertion loss, suitable for measurement of the high-precision differential transmission signal.
- 100% tested and performance over times

Property

	MWX621	MWX641	MWX651	MWX661
Maximum operating frequency	26.5GHz	40.0GHz	50.0GHz	67.0GHz
Characteristics impedance(typ.)	50±1Ω	50±1Ω	50±1Ω	50±1Ω
Propagation delay(typ.)	4.4ns/m	4.35ns/m	4.36ns/m	4.38ns/m
VSWR(one end / both ends)	1.153/1.33	1.197/1.43	1.197/1.43	1.197/1.43
Typical insertion loss	1.4dB/m (26.5GHz)	3.0dB/m (40.0GHz)	3.8dB/m (50.0GHz)	5.6dB/m (67.0GHz)
Skew (between pair cables)	1 ps	1 ps	1 ps	1 ps
Phase deviation (between pair cables : @1GHz)	0.3°	0.3°	0.3°	0.3°
Cable outer diameter	6.0mm	4.1mm	3.7mm	2.6mm
Cable mass(typ.)	64g/m	35g/m	29g/m	17g/m
Continuous operating temperature range	-30~+85°C	-30~+85°C	-30~+85°C	-30~+85°C
Applicable connector	SMA(m) 3.5mm(m), 3.5mm(f)	2.92mm(m), 2.92mm(f)	2.4mm(m), 2.4mm(f) 2.92mm(m), 2.92mm(f)	1.85mm(m), 1.85mm(f)
Assembly length	200~1,500mm	200~1,500mm	200~1,500mm	200~1,500mm

Order Example: MWX621

Assembly length: 1000mm
Connector I : 3.5mm(f) straight
Connector II : 3.5mm(m) straight

Catalog No.
MWX621-01000DFSDMS/PAIR

a b c d

a:Cable
b:Assembly length
c:Connector code
d:Armored

Connector code

SMA(m):	AMS
3.5mm(m):	DMS
3.5mm(f):	DMF
2.92mm(m):	KMS
2.92mm(f):	KFS
2.4mm(m):	LMS
2.4mm(f):	LFS
1.85mm(m):	VMS
1.85mm(f):	VFS

● Express delivery in 2 weeks

● Custom length availability (1mm basis)

Junkosha USA Inc.

● West Coast Office

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