

TITAN accessories

CATALOG
2012

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RF Jumpers

CONTENTS

PART 1. Super-flexible cable jumper ¼"	3
PART 2. Super-flexible cable jumper ½"	4

CABLE JUMPERS

TitanCo cable jumpers are made of flexible or super-flexible coaxial cable with foam insulator and provide low insertion losses, high mechanical strength and flexibility while installation. The main purpose of cable jumpers is to provide electric connection between the main feeder and a base station antenna as well as between the main feeder and an equipment console. Also it is used for connecting amplifiers, diplexers, low-noise amplifiers and boosters.



Characteristics:

Frequency band	VSWR	
	Straight connector	Angular connector
406-470MHz	1,04 : 1	1,06 : 1
806-960MHz	1,05 : 1	1,09 : 1
1710-2170MHz	1,07 : 1	1,11 : 1

<i>Linear loss on 1m on frequency:</i>	1/4" super-flexible	1/2" super-flexible
450MHz	0,13 dB/m	0,08 dB/m
900MHz	0,19 dB/m	0,11 dB/m
1800MHz	0,27 dB/m	0,16 dB/m
2100MHz	0,30 dB/m	0,17 dB/m
<i>Intermodulation level on 900Mhz and 1800MHz</i>	< - 155dB/s	< - 155dB/s
<i>Minimal bending radius</i>	<i>25mm</i>	<i>35mm</i>

Super-flexible ¼" cable jumpers nomenclature:

Connector 1	Connector 2	Length, m	Model
N plug	N plug	1	NMNM-SF14-1
		2	NMNM-SF14-2
		3	NMNM-SF14-3
N plug, 90°	N plug	1	NMRNM-SF14-1
		2	NMRNM-SF14-2
		3	NMRNM-SF14-3
N plug, 90°	N plug, 90°	1	NMRNMR-SF14-1
		2	NMRNMR-SF14-2
		3	NMRNMR-SF14-3
DIN 7-16 plug	DIN 7-16 plug	1	7M7M-SF14-1
		2	7M7M-SF14-2
		3	7M7M-SF14-3
DIN 7-16 plug, 90°	DIN 7-16 plug	1	7MR7M-SF14-1
		2	7MR7M-SF14-2
		3	7MR7M-SF14-3
DIN 7-16 plug, 90°	DIN 7-16 plug, 90°	1	7MR7MR-SF14-1
		2	7MR7MR-SF14-2
		3	7MR7MR-SF14-3

Super-flexible ½" cable jumpers nomenclature:

Connector 1	Connector 2	Length, m	Model
DIN 7-16 plug	DIN 7-16 plug	1	7M7M-SF12-1
		2	7M7M-SF12-2
		3	7M7M-SF12-3
		4	7M7M-SF12-4
		5	7M7M-SF12-5
DIN 7-16 plug	DIN 7-16 socket	1	7M7F-SF12-1
		2	7M7F-SF12-2
		3	7M7F-SF12-3
		4	7M7F-SF12-4
		5	7M7F-SF12-5
DIN 7-16 plug, 90°	DIN 7-16 plug	1	7MR7M-SF12-1
		2	7MR7M-SF12-2
		3	7MR7M-SF12-3
		4	7MR7M-SF12-4
		5	7MR7M-SF12-5
DIN 7-16 plug, 90°	DIN 7-16 plug, 90°	1	7MR7MR-SF12-1
		2	7MR7MR-SF12-2
		3	7MR7MR-SF12-3
		4	7MR7MR-SF12-4
		5	7MR7MR-SF12-5

Super-flexible ½" cable jumpers nomenclature (continuation):

Connector 1	Connector 2	Length, m	Model
DIN 7-16 plug, 90°	DIN 7-16 socket	1	7MR7F-SF12-1
		2	7MR7F-SF12-2
		3	7MR7F-SF12-3
		4	7MR7F-SF12-4
		5	7MR7F-SF12-5
N plug	N plug	1	NMNM-SF12-1
		2	NMNM-SF12-2
		3	NMNM-SF12-3
		4	NMNM-SF12-4
		5	NMNM-SF12-5
N plug	N socket	1	NMNF-SF12-1
		2	NMNF-SF12-2
		3	NMNF-SF12-3
		4	NMNF-SF12-4
		5	NMNF-SF12-5
N plug, 90°	N plug	1	NMRNM-SF12-1
		2	NMRNM-SF12-2
		3	NMRNM-SF12-3
		4	NMRNM-SF12-4
		5	NMRNM-SF12-5
N plug, 90°	N plug, 90°	1	NMRNMR-SF12-1
		2	NMRNMR-SF12-2
		3	NMRNMR-SF12-3
		4	NMRNMR-SF12-4
		5	NMRNMR-SF12-5
N plug, 90°	N socket	1	NMRNF-SF12-1
		2	NMRNF-SF12-2
		3	NMRNF-SF12-3
		4	NMRNF-SF12-4
		5	NMRNF-SF12-5
DIN 7-16 plug	N plug	1	7MNM-SF12-1
		2	7MNM-SF12-2
		3	7MNM-SF12-3
		4	7MNM-SF12-4
		5	7MNM-SF12-5
DIN 7-16 plug	N socket	1	7MNF-SF12-1
		2	7MNF-SF12-2
		3	7MNF-SF12-3
		4	7MNF-SF12-4
		5	7MNF-SF12-5

For any questions or suggestions please contact our Customer Service. E-mail: info@titanaccs.com

Super-flexible 1/2" cable jumpers nomenclature (continuation):

Connector 1	Connector 2	Length, m	Model
DIN 7-16 socket	N plug	1	7FNM-SF12-1
		2	7FNM-SF12-2
		3	7FNM-SF12-3
		4	7FNM-SF12-4
		5	7FNM-SF12-5
DIN 7-16 socket	N socket	1	7FNF-SF12-1
		2	7FNF-SF12-2
		3	7FNF-SF12-3
		4	7FNF-SF12-4
		5	7FNF-SF12-5
DIN 7-16 plug, 90°	N plug	1	7MRNM-SF12-1
		2	7MRNM-SF12-2
		3	7MRNM-SF12-3
		4	7MRNM-SF12-4
		5	7MRNM-SF12-5
DIN 7-16 plug, 90°	N socket	1	7MRNF-SF12-1
		2	7MRNF-SF12-2
		3	7MRNF-SF12-3
		4	7MRNF-SF12-4
		5	7MRNF-SF12-5
N plug, 90°	7-16 plug	1	NMR7M-SF12-1
		2	NMR7M-SF12-2
		3	NMR7M-SF12-3
		4	NMR7M-SF12-4
		5	NMR7M-SF12-5
N plug, 90°	7-16 socket	1	NMR7F-SF12-1
		2	NMR7F-SF12-1
		3	NMR7F-SF12-1
		4	NMR7F-SF12-1
		5	NMR7F-SF12-1