Habia Cable

Multibend™ FJ

Flexible semi-rigid alternative, high temperature coaxial cables
Intended for use primarily as a transmission line in high frequency applications

Order reference		Core			Finished cable				Electrical			
		Silver Plated Copper (SPC)		PTFE	Foil / SPC braid	FEP	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Wire size	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
Multibend 401 FJ	3200040101	Solid	1.67	5.31	F: 5.73 B: 6.35	7.20	140	40	50	94	54	3,400
Multibend 402 NM FJ	3200040203	Solid	0.94	2.98	F: 3.15 B: 3.58	4.14	41	10	50	94	26	2,000
Multibend 405 NM FJ	3200040503	Solid	0.53	1.68	F: 1.88 B: 2.18	2.64	21	6	50	96	13	1,000
		Silver Plated Copper Covered Steel (SCCS)		PTFE	Foil / SPC braid	FEP	Weight	Fixed MBR	Imp.	Cap.	DC current rating	Voltage
		Stranding	Wire size	Dielectric	Shield/s	Sheath/s					In free air at 40°C	
Description (NSN - if applicable)	Article Number	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	mm	Ohms	pF/m	Amps	V AC rms
Multibend 402 FJ	3200040201	Solid	0.94	2.99	F: 3.15 B: 3.58	4.14	42	10	50	94	26	2,000
Multibend 405 FJ	3200040501	Solid	0.51	1.63	F: 1.88 B: 2.18	2.64	21	6	50	96	13	1,000

Attenuation (dB/100m @ 20°C) and power ratings (Watts @ 40°C)						
Frequency	Mulltibend 401 FJ		Mulltibend 402 FJ		Mulltibend 405 FJ	
MHz	dB	W	dB	W	dB	W
400	14	1,387	23	515	43	194
1,000	23	827	37	315	68	120
2,000	34	569	54	218	98	84
3,000	42	453	68	176	121	68
4,000	50	392	79	152	141	59
5,000	57	351	85	136	159	53
6,000	64	320	96	124	176	48
10,000	88	248	135	96	233	37
18,000	145	148	190	62	355	25

Cable identifcation	
Dielectric	Natural
Sheath	Blue
Marking	Habia Cable - Multibend ### FJ - Year-Week - Batchcode

Characteristics and key properties

CE

RoHS 2011/65/EU

REACH EC No. 1907/2006

LVD 2014/35/EU

All-round chemical resistance

Low smoke

Flame retardant

+180°C High temp

Current rating to IEC 60287

-65°C Low temp