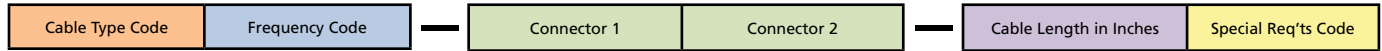




# Test and Measurement Part Numbering

Example: TM18-N1N2-36-6 RF Orange Test Cable, DC-18 GHz, Type N Male Hex Knurl, Type N Female, 36 inches, Blue Polyolefin Jacket



Frequency Code	
Code	Description
4	DC-4 GHz
8	DC-8 GHz
18	DC-18 GHz
26	DC-26.5 GHz
32	DC-32 GHz
34	DC-34 GHz
40	DC-40 GHz
50	DC-50 GHz
67	DC-67 GHz
70	DC-70 GHz
110	DC-110 GHz

\*KB32 & F520

Special Requirements Code	
Code	Special Requirement Type
C	Metal dust caps with chain
K	High Power (specify CW and peak power)
M	Phase/Delay Matched
R	Return loss better than published spec
S	Phase/amplitude better than published spec
T	Temperature Cycled
V	Molded Boot
0	Black Polyolefin Jacket
1	Clear Polyolefin Jacket
2	Red Polyolefin Jacket
3	Orange Polyolefin Jacket
4	Yellow Polyolefin Jacket
5	Green Polyolefin Jacket
6	Blue Polyolefin Jacket
7	Violet Polyolefin Jacket
8	Grey Polyolefin Jacket
9	White Polyolefin Jacket

Cable Type Code	
Code	Description
TM	RF Orange® TM Series Bench Test
VN	VN Series VNA Test
SL	SiteLine™ Field & Production Test
KB	KillerBee™ Test Cable
CM	Chipset Measurement Cables
GR	RF Green™ Environmentally Friendly Test
EMC1	EMI/EMC Test (40 GHz)
EMC2	EMI/EMC Test (26.5 GHz)
EMC3	EMI/EMC Test (18 GHz)
BT	Broadband Test 75 Ohm
TV	Altitude T-VAC™ Test Cable

Port/DUT Code					
Code	Description	Max. Freq. (GHz)	Code	Description	Max. Freq. (GHz)
11	1mm Male	110	79	7mm	18
12	1mm Female	110	B1	BNC Male	4
V1	1.85mm (V) Male	70	B2	BNC Female	4
V2	1.85mm (V) Female	70	F1	F Male	3
V0	1.85mm (V) Port Female (NMD/ruggedized)	70	F2	F Female	3
VR	1.85mm (V) Port Male (NMD/ruggedized)	70	N1	Type N Male Hex Knurl	18
21	2.4mm Male	50	N2	Type N Female	18
22	2.4mm Female	50	S1	SMA Male	26.5
20	2.4mm Port Female (NMD/ruggedized)	50	S2	SMA Female	26.5
2R	2.4mm Port Male (NMD/ruggedized)	50	G1	SMP Male	40
K1	2.92mm (K) Male	40	G2	SMP Female	40
K2	2.92mm (K) Female	40	T1	TNC Male	18
K0	2.92mm (K) Port Female (NMD/ruggedized)	40	T2	TNC Female	18
KR	2.92mm (K) Port Male (NMD/ruggedized)	40	Z1A	Quick Disconnect SMA, Male 3-lug	18
31	3.5mm Male	34	Z2A	Quick Disconnect SMA, Female 3-lug	18
32	3.5mm Female	34	ZN1A	Quick Disconnect Type N, Male 3-lug	11
30	3.5mm Port Female (NMD/ruggedized)	34	ZN2A	Quick Disconnect Type N, Female 3-lug	11
3R	3.5mm Port Male (NMD/ruggedized)	34	X5	Factory Formed Male Right Angle	*Available with most connectors*
D1	7/16 Male	6	X6	Factory Formed Female Right Angle	
D2	7/16 Female	6	NM(X)	Non-Magnetic Connector option	

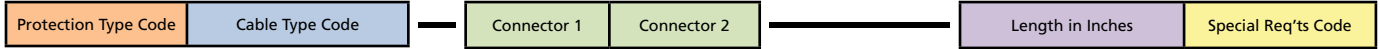
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Tel: 570-424-8400

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# System Cable Part Numbering

Example: GC29-N1N1-24-6 Phase3, DC-18 GHz, Type N Male Hex Knurl, Type N Hex Knurl, 24 inches, Blue Polyolefin Jacketing



Cable Type Code	
Code	Description
AL047	AlumiBend™
AL086	
AL141	
120	GrooveTube®
130	
135	
230	
520	
620	NextPhase™
539	
912	
916	
919	
930	Phase3™
C05	
C08	
C11	
C12	
C19	Ultra Phase™
C29	
E05	
E08	Survivor Series™
E12	
NC12	
NC19	ClearPath™
NC29	
A06	
A08	JumpShot™
B08	
B14	
SR034	SemiRigid
SR047	
SR086	
SR141	
SR250	
CC086	Conformable
CC141	

Special Requirements Code			
Code	Special Requirement Type	Code	Special Requirement Type
C	Metal dust caps with chain	0	Black Jacket
K	High Power	1	Clear Jacket
M	Phase/Delay Matched	2	Red Jacket
R	Return Loss/VSWR Specification	3	Orange Jacket
S	Phase/Amplitude vs. Flexure Specifications	4	Yellow Jacket
T	Temperature Cycled	5	Green Jacket
V	Molded Boot	6	Blue Jacket
		7	Violet Jacket

Colors listed below are available in Polyolefin Jacketing (packaging Types C, D, TM, and SF).

Connector Code								
Code	Description	Max. Freq. (GHz)	Code	Description	Max. Freq. (GHz)	Code	Description	Max. Freq. (GHz)
11	1.0mm Male	110	M1	MCX Male	6	SS1	SSMA Male	18
12	1.0mm Female	110	M2	MCX Female	6	SS2	SSMA Female	18
V1	1.85mm Male	70	MM1	MMCX Male	4	JS1	SSMB Male	18
V2	1.85mm Female	70	MM2	MMCX Female	4	JS2	SSMB Female	18
21	2.4mm Male	50	N1	N Male	18	GS1	SSMP Male	15
22	2.4mm Female	50	N2	N Female	18	GS2	SSMP Female	15
K1	2.92mm Male	40	Q1	OSP Male	22	T1	TNC Male	
K2	2.92mm Female	40	Q2	OSP Female	22	T2	TNC Female	
31	3.5mm Male	34	QS1	OSSP Male	28	Z1	ZMA Male	
32	3.5mm Female	34	QS2	OSSP Female	28	Z2	ZMA Female	
D1	7/16 DIN Male	6	QM1	QMA Male	6	ZN1	ZN Male	
D2	7/16 DIN Female	6	QM2	QMA Female	6	ZN2	ZN Female	
71	7mm Male	18	SC1	SC Male	10	X3	Male 90 Degree Right Angle*	18
72	7mm Female	18	SC2	SC Female	10	X4	Female 90 Degree Right Angle*	18
B1	BNC Male	4	S1	SMA Male	40	X5	Factory Formed Male Right Angle**	
B2	BNC Female	4	S2	SMA Female	40	X6	Factory Formed Female Right Angle**	
C1	C Male	10	J1	SMB Male	36			
C2	C Female	10	J2	SMB Female	36			
F1	F Male	3	A1	SMC Male	12.4			
F2	F Female	3	A2	SMC Female	12.4			
H1	HN Male	4	G1	SMP Male	65			
H2	HN Female	4	G2	SMP Female	65			

\*Available with most cables  
\*\*Available with most connectors

Protection Code		
Code	Description	Remarks
A	No Jacket	Standard Strength; Heat Dissipation
B	Braid Only	Moderate Strength; Heat Dissipation
C	Polyolefin Jacket	System Use; Standard Strength
D	Polyolefin Jacket Over Braid	Standard; Test & System Use
E	Neoprene Jacket	Outdoor Use; Environmental Protection
F	Neoprene Jacket Over Braid	Type 130,135 & 230 Standard; Moderate Strength; Heat Dissipation
G	FEP Jacket	Space; Low Outgassing
H	FEP Jacket Over Braid	Moderate Strength; Low Outgassing
J	Polyethylene	Outdoor Use; Environmental Protection
K	Nomex Braid	Airborne or Plenum Use
L	Nomex Over Metallic Braid	Moderate Strength; Airborne or Plenum Use
O	Viton Jacket	Space; Radiation Protection; NBCW
P	Viton Jacket Over Metallic Braid	Moderate Strength; Radiation Resistant; NBCW
R	Teflon Tape Wrap Jacket	High Flexibility
U	Polyurethane Jacket	Exterior UV and High Abrasion Resistance
N	Light Metallic Armor	For applications requiring added protection against mechanical damages
X	Tefzel (ETFE)	Space; Low Outgassing; Radiation Resistance

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