



Woken Technology Inc. offers multi way 5G NR test solutions for you.
 We are keep up for innovating and developing new products for 5G application.
 If you need more product information, please feel free to contact our sales.



Connector

Freq.: DC-50GHz(Max.)
 Type: End Launch
 PCB Connector/
 2Hole Flange Connector
 Con: 2.92mm/2.4mm



Adapter

Freq.: DC-50GHz(Max.)
 Con: 2.92mm/1.85mm/
 2.4mm/SMP



DC Block

Freq.: 0.01-50GHz(Max.)
 Type: Inner D.C. Block
 Con: 2.92mm/2.4mm



Woken
 Product
 Catalogue



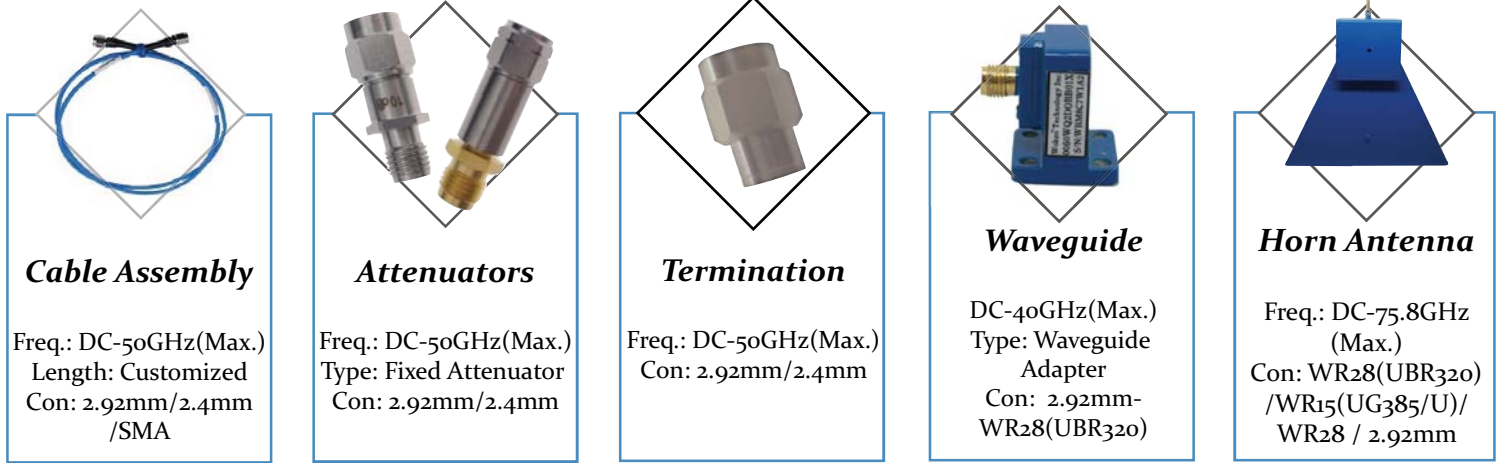
Woken
 5G Series
 Product DM

DC-50GHz Connector					
Part number	Frequency	Connector	Type	V.S.W.R	Impedance
WCON-24FS2HP0.3	50GHz	2.4mm(F)	2Hole Accept Pin 0.3mm Connector	1.15:1 Max.	50ohm
WCON-29SEP-0.254	40GHz	2.92mm(F)	End Launch PCB Connector	1.34:1 Max.	50ohm
WCON-29FS2H	40GHz	2.92mm(F)	2Hole Flange Connector	1.15:1 Max.	50ohm
WCON-29FS2HP0.3	40GHz	2.92mm(F)	2Hole Accept Pin 0.3mm Connector	1.15:1 Max.	50ohm
DC-50GHz Adapter					
Part number	Frequency	Connector 1	Connector 2	V.S.W.R	Impedance
WADP-24F24F	50GHz	2.4mm(F)	2.4mm(F)	1.20:1 Max.	50ohm
WADP-24M24M	50GHz	2.4mm(M)	2.4mm(M)	1.15:1 Max	50ohm
WADP-24M24F	50GHz	2.4mm(M)	2.4mm(F)	1.15:1 Max	50ohm
WADP-185M24F	50GHz	1.85mm(M)	2.4mm(F)	1.25:1 Max.	50ohm
WADP-24FSPMF	50GHz	2.4mm(F)	SMP(M)(Mini SMP/SSMP)	1.30:1 Max	50ohm
WADP-29M29F	40GHz	2.92mm(M)	2.92mm(F)	1.15:1 Max	50ohm
WADP-29F29F	40GHz	2.92mm(F)	2.92mm(F)	1.20:1 Max	50ohm
WADP-29M29M	40GHz	2.92mm(M)	2.9mm(M)	1.15:1 Max	50ohm
WADP-24F29F	40GHz	2.4mm(M)	2.92mm(F)	1.20:1 Max.	50ohm
WADP-185M29M	40GHz	1.85mm(M)	2.92mm(M)	1.15:1 Max.	50ohm
DC-50GHz Inner DC Block					
Part number	Frequency	Connector	Insertion Loss/Voltage Rating	V.S.W.R	Impedance
WDCB-5024I	0.03-50GHz	2.4mm(M-F)	0.6dB max / 50 V	1.25:1 Max	50ohm
WDCB-4029I-01	0.01-40GHz	2.92mm(M-F)	0.75dB max / 200 V	1.45:1 Max	50ohm

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DC-50GHz Cable Assembly							
Part number	Frequency	Connector 1	Connector 2	Cable	Raw cable attenuation	Phase	Diameter
WCBA-WCA20I24M.24MI	50GHz	2.4mm(M)	2.4mm(M)	WCA20I	3.29dB/m	+10°@50GHz	3.60mm
WCBA-WCAI0I29M.29MI	40GHz	2.92mm(M)	2.92mm(M)	WCAI0I	3.89dB/m	+8°@40GHz	3.60mm
WCBA-WCA20I24M.24MI-PS-0I	50GHz	2.4mm(M)	2.4mm(M)	WCA20I	3.29dB/m	+7°@40GHz	3.60mm
WCBA-WCA20429M.29MI-PS	40GHz	2.92mm(M)	2.92mm(M)	WCA20I4	2.52dB/m	+5°@40GHz	4.50mm
WCBA-WCA0929M.29MI	40GHz	2.92mm(M)	2.92mm(M)	WCA09	2.73dB/m		3.60mm
WCBA-WCA203SM.SMI-PS-0I	26.5GHz	SMA(M)	SMA(M)	WCA203	1.76dB/m	+6°@26.5GHz	4.98mm
WCBA-WCA02SM.SMI-0I	26.5GHz	SMA(M)	SMA(M)	WCA02	1.28dB/m	+5°@26.5GHz	5.10mm
DC-50GHz Fixed Attenuator							
Part number	Frequency	Connector	Attenuation	Availability	V.S.W.R. (Max.)	Input Power	Impedance
WATT-0.550F24-10	50GHz	2.4mm	1dB,3dB,6dB,10dB,20dB,30dB		40-50GHz:1.75	Avg. 0.5Watt @25°C	50 ohm
WATT-150F24-10	50GHz	2.4mm	3dB,6dB,10dB,20dB		40-50GHz:1.75:1	Avg. 1Watt @25°C	50 ohm
WATT-240F29-10	40GHz	2.92mm	3dB,6dB,10dB,20dB,30dB		18-40GHz:1.4	Avg. 2Watt @25°C	50 ohm
DC-50GHz Termination							
Part number	Frequency	Connector	Power	V.S.W.R.(Max.)	Impedance		
WTER-5024I	50GHz	2.4mm(M)	1W	40-50GHz 1.30:1	50 ohm		
WTER-4029I	40GHz	2.92mm(M)	1W	1.25:1	50 ohm		
26.5GHz-50GHz Waveguide adapter							
Part number	Frequency	Connector	V.S.W.R	Insertion Loss	Waveguide Size	Waveguide Flange	
WADP-24FWR22	33-50GHz	2.42mm(F)	1.4:1(Max.)	0.5dB(Max.)	WR22	UG383/U	
WADP-29FWR28	26.5-40GHz	2.92mm(F)	1.25:1(Max.)	0.3dB(Max.)	WR28	UBR320	
DC-50GHz Gain Horn Antenna							
Part number	Frequency	Gain	V.S.W.R	Waveguide Size / Flange		Size(Length x Width x Height)	
WGAT-26.5-40-20	26.5-40GHz	20dBi	1.15:1(Max)	WR28 / UBR320		90x33x47mm	
WGAT-49.8-75.8-19.6	49.8-75.8GHz	19.6dBi	1.25:1(Typ.)	WR15 / UG385/U		30.5x22.6x18.2mm	
WPAF-24-42-15-0I	24-42GHz	15-18dBi	1.5:1(Typ.)	WR28		100.19x70x70mm	

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Power Divivder

Freq.: DC-50GHz
(Max.)
 Type: 2way/4way
 Con: 2.92mm/2.4mm



Switch

DC-50GHz(Max.)
 Failsafe Switch/
 Open TTL sub
 Connector Switch
 Con: 2.92mm



Filter

Freq.: Customized
 Type: Notch Filter
 Con: SMA

DC-50GHz Power Divider									
Part number	Frequency	Connector Type	Insertion Loss	V.S.WR		Isolation	Unbalance		
				Input	Output		Phase	Amplitude	
STI08-0048	2-50GHz	2.4mm 5W 2Way	2.8dB(Typ.) 3.6dB(Max.)	1.8:1(Max.)	1.7:1(Max.)	15dB min	±7° (Max.)		±0.5dB(Max.)
STI08-0049	2-50GHz	2.4mm 5W 4Way	5.8dB(Typ.) 7.0dB(Max.)	2.2:1(Max.)	1.8:1(Max.)	14dB(Min.) 15dB(Typ.)	±12° (Max.)		±1.0dB(Max.)
0120K0210D001Z	1-40GHz	2.92mm 20W 2Way	2.0dB Max.	1.7:1 Max.	1.6:1 Max.	16dB min	±6° Max.		±0.4dB Max.
WDIV-2118-40295	18-40GHz	2.92mm 5W 2Way	1.5dB Max.	1.8:1 Max.	1.6:1 Max.	16dB min	±5° Max.		±0.4dB Max.
WDIV-4118-40295	18-40GHz	2.92mm 5W 4Way	2.0dB Max.	1.8:1 Max.	1.6:1 Max.	16dB min	±8° Max.		±0.4dB Max.
DC-50GHz Switch									
Part number	Frequency	Connector	Type	Insertion Loss	V.S.WR	Isolation	Operating Voltage		
STI12-0012	40GHz	2.92mm	SPDT Failsafe Switch	DC-6GHz:0.3dB(Max.) 6-12GHz:0.4dB(Max.) 12-18GHz:0.5dB(Max.) 18-26.5GHz:0.7dB(Max.) 26.5-32GHz:0.8dB(Max.) 32-40GHz:1.0dB(Max.)	DC-6GHz:1.3:1(Max.) 6-12GHz:1.4:1(Max.) 12-18GHz:1.5:1(Max.) 18-26.5GHz:1.7:1(Max.) 26.5-32GHz:1.9:1(Max.) 32-40GHz:2.0:1(Max.)	DC-6GHz:70dB(Min.) 6-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-40GHz:50dB(Min.)	DC24V/98mA		
STI12-0010	40GHz	2.92mm	SP4T Normally Open TTL 15Pin D sub	DC6GHz:0.3dB(Max.) 6-12GHz:0.4dB(Max.) 12-18GHz:0.5dB(Max.) 18-26.5GHz:0.7dB(Max.) 26.5-32GHz:0.8dB(Max.) 32-40GHz:1.0dB(Max.)	DC-6GHz:1.3:1(Max.) 6-12GHz:1.4:1(Max.) 12-18GHz:1.5:1(Max.) 18-26.5GHz:1.7:1(Max.) 26.5-32GHz:1.9:1(Max.) 32-40GHz:2.0:1(Max.)	DC-6GHz:70dB(Min.) 6-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-40GHz:50dB(Min.)	DC24V/150mA		
STI12-0009	40GHz	2.92mm	SP3T Normally Open TTL 15Pin D	DC-6GHz:0.2dB(Max.) 6-12GHz:0.25dB(Max.) 12-18GHz:0.4dB(Max.) 18-26.5GHz:0.7dB(Max.) 26.5-32GHz:0.8dB(Max.) 32-40GHz:1.0dB(Max.)	DC-6GHz:1.2:1(Max.) 6-12GHz:1.25:1(Max.) 12-18GHz:1.4:1(Max.) 18-26.5GHz:1.7:1(Max.) 26.5-32GHz:1.9:1(Max.) 32-40GHz:2.0:1(Max.)	DC-12GHz:70dB(Min.) 12-18GHz:60dB(Min.) 18-26.5GHz:55dB(Min.) 26.5-40GHz:50dB(Min.)	DC24V/150mA		
Notch Filter									
Part number	Frequency	Connector	Band	Notch Depth	Passband	Insertion Loss	Return Loss		
WFIL-N4400-5000F-01	4400-5000MHz	SMA	N79	40dB Min.	DC-4370MHz 5030-6500MHz	2.0dB Max.	10dB Min.		
WFIL-N3850-4200F	3850-4200MHz	SMA	N77	40dB Min.	DC-3820MHz 4230-6500MHz	2.0dB Max.	10dB Min.		
WFIL-N3300-3850F	3300-3850MHz	SMA	N77	40dB Min.	DC-3270MHz 3880-6500MHz	2.0dB Max.	10dB Min.		
WFIL-N3300-3800F	3300-3800MHz	SMA	N78	40dB Min.	DC-3270MHz 3830-6500MHz	2.0dB Max.	10dB Min.		

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Woken Technology Inc. offers multi way 5G/Wifi(Ax) test solutions for you. IEEE 11a(5150~5850)/11b(2400~2483.5)/11an(4代)/11ac(5代)/11ax(5.925 -7.21GHz/wifi 6代). We are keep up for innovating and developing new products for 5G application. If you need more product information, please feel free to contact our sales.



WTER-18S2



0110A05801M-XX



0150A08A5C001M



00100A1F5A1XXX



00800A1N01H-XX

Product	Part Number	Frequency	Connector 1	Connector 2	VSWR	Type
Adapter	00600A1A1GA02L	10GHz	SMA(M)	SMA(M)	115:1(Max.)	Adapter/Gold
	00600A2A2GA02L	10GHz	SMA(F)	SMA(F)	12:1(Max.)	Adapter/Gold/ Air Insulator
	00600A1A2GA04L	10GHz	SMA(M)	SMA(F)	12:1(Max.)	Adapter/Gold/Half Air
	00600A1A2DA027	6GHz	SMA(M)	SMA(F) R/A	13:1(Max.)	Adapter/Gold/Half Air
Product	Part Number	Frequency	Connector	Average Power	VSWR	Attenuation Accuracy
Fixed Attenuator	00800A1N01R-XX	8GHz	SMA	2W	1.2:1(Max.)	1,3,5,6,9,10,20dB;± 0.6dB 30dB;± 0.8dB
Product	Part Number	Frequency	Connector	Input Power	Peak Power	VSWR
Termination	WTER-18S2	18GHz	SMA(M)	2W	100W(Max.)	1.25:1(Max.)
	WTER-27351	27GHz	3.5mm(M)	1W	X	115:1(Max.)
Product	Part Number	Frequency	Connector 1	VSWR	Insertion Loss	Voltage
Inner DC Block	WDCB-26.5351	0.03-26.5GHz	3.5mm	1.25:1(Max.)	0.6dB(Max.)	50V
	00900A1A2A101A	0.03-18GHz	SMA	1.2:1(Max.)	0.8dB(Max.)	50V(Max.)
	STI09-0001	10MHz-8GHz	SMA	1.25:1(Max.)	0.5dB(Max.)	60V(Max.)
Product	Part Number	Frequency	Connector	Type	Power	VSWR
Power Divider	0120A02058001M	0.5-8GHz	SMA	2Way	Fwd.:20W/Rev.:2W	1.5:1(Input Max.) 1.3:1(Output Max.)
	0120A04058001M	0.5-8GHz	SMA	4Way	Fwd.:20W/Rev.:2W	1.5:1(Input Max.) 1.4:1(Output Max.)
	0120A08058001M	0.5-8GHz	SMA	8Way	20W	1.5:1(Input Max.) 1.4:1(Output Max.)
Product	Part Number	Frequency	Connector	Input Power	VSWR	Directivity
Directional Coupler	0110A05801M-XX	0.5-8GHz	SMA	50W	10,20dB;1.2:1(Max.) 30dB;1.25:1(Max.)	18dB(Min.)
Product	Part Number	Frequency	Connector	Type	VSWR	Insertion Loss
Coaxial Switch	0160A0018B111M	18GHz	SMA	12VDC SPDT Failsafe TTL	1.2:1(Max.)@DC-3GHz	0.2dB(Max.)@DC-3GHz
					1.3:1(Max.)@3-6GHz	0.3dB(Max.)@3-6GHz
					1.4:1(Max.)@6-12.4GHz	0.4dB(Max.)@6-12.4GHz
	0160A0018D701M	18GHz	SMA	12VDC SP4T Normally Open D-Sub9	1.5:1(Max.)@12.4-18GHz	0.5dB(Max.)@12.4-18GHz
					1.2:1(Max.)@DC-3GHz	0.2dB(Max.)@DC-3GHz
					1.3:1(Max.)@3-6GHz	0.3dB(Max.)@3-6GHz
0161A0018F711M	18GHz	SMA	12VDC SP6T Normally Open D-Sub TTL with Cooling Bracket	1.4:1(Max.)@6-12GHz	0.4dB(Max.)@6-12GHz	
				1.5:1(Max.)@12-18GHz	0.5dB(Max.)@12-18GHz	
				1.2:1(Max.)@DC-3GHz	0.2dB(Max.)@DC-3GHz	
0161A0018F711M	18GHz	SMA	12VDC SP6T Normally Open D-Sub TTL with Cooling Bracket	1.3:1(Max.)@3-6GHz	0.3dB(Max.)@3-6GHz	
				1.4:1(Max.)@6-12GHz	0.4dB(Max.)@6-12GHz	
				1.5:1(Max.)@12-18GHz	0.5dB(Max.)@12-18GHz	
Product	Part Number	Frequency	Connector	Gain	PldB	Noise Figure
Low Noise Amplifier	0150A08A5C001M	0.5-8GHz	SMA	30dB	5dBm(Min.)	3.5dB(Max.)
Product	Part Number	Frequency	Connector 1	Connector 2	Cable Type	VSWR
Cable Assembly	00100A1F5A1XXS	18GHz	SMA(M)	SMA(M)	SS402	1.3:1(Max.)
	00100A1F6A1XXS	18GHz	SMA(M)	SMA(M)	SFL402	1.3:1(Max.)
	00100A1G3A1XXS	18GHz	SMA(M)	SMA(M)	SS405	1.3:1(Max.)