




# RF Surge Protection

PolyPhaser's superior RF patented designs and platforms include board-level protection, DC Pass, DC Block, Bias-T and Ultra-Low PIM.

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
<b>AGXZ+15TFTF-A</b> 	Hybrid +15 Vdc Pass RF Protector	TNC Female	TNC Female	dc to 50 MHz
<b>BGXZ-60NFNF-ALT</b> 	Hybrid $\pm 60$ Vdc Pass RF Protector	N Female	N Female	1.75 MHz to 400 MHz
<b>BGXZ-60NFMN-ALT</b> 	Hybrid $\pm 60$ Vdc Pass RF Protector	N Male	N Female	1.75 MHz to 400 MHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
<b>BGXZ-60NFM-AS</b> 	Hybrid -60 Vdc Pass RF Protector	N Male	N Female	5 MHz, 10MHz, 50 MHz to 400 MHz
<b>CGXZ+36NMF-A</b> 	Hybrid +36 Vdc Pass RF Protector	N Female	N Female	400 MHz to 1.2 GHz
<b>CGXZ+36NMNF-A</b> 	Hybrid +36 Vdc Pass RF Protector	N Female	N Male	400 MHz to 1.2 GHz
<b>DGXE+24DMDF-A</b> 	Hybrid +24 Vdc Pass RF Protector	DIN Female	DIN Male	400 MHz to 2.5 GHz
<b>DGXH+48DMDF-A</b> 	Hybrid +48 Vdc Pass High Power RF Protector	DIN Female	DIN Male	800 MHz to 2.5 GHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
<b>DGXZ+06DMDF-A</b> 	Hybrid $\pm 6$ Vdc Pass RF Protector	DIN Female	DIN Male	800 MHz to 2.5 GHz
<b>DGXZ+06NFNF-A</b> 	Hybrid $\pm 6$ Vdc Pass RF Protector	N Female	N Female	800 MHz to 2.5 GHz
<b>DGXZ+06NFNF-B</b> 	Hybrid $\pm 6$ Vdc Pass RF Protector	N Female	N Female	800 MHz to 2.5 GHz
<b>DGXZ+06NFM-A</b> 	Hybrid $\pm 6$ Vdc Pass RF Protector	N Male	N Female	800 MHz to 2.5 GHz
<b>DGXZ+06NFM-B</b> 	Hybrid $\pm 6$ Vdc Pass RF Protector	N Male	N Female	800 MHz to 2.5 GHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
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### DGXZ+06TTF-A



Hybrid  $\pm 6$  Vdc  
Pass RF  
Protector

TNC Female

TNC  
Female

800 MHz to 2.5  
GHz

### DGXZ+15DMDF-A



Hybrid +15  
Vdc Pass RF  
Protector

DIN Female

DIN Male

800 MHz to 2.5  
GHz

### DGXZ+15NFNF-A



Hybrid +15  
Vdc Pass RF  
Protector

N Female

N Female

800 MHz to 2.5  
GHz

### DGXZ+15NFM-A



Hybrid +15  
Vdc Pass RF  
Protector

N Male

N Female

800 MHz to 2.5  
GHz

### DGXZ+15NMNF-A




Hybrid +15  
Vdc Pass RF  
Protector

N Female

N Male

800 MHz to 2.5  
GHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
<b>DGXZ+15TTF-A</b> 	Hybrid +15 Vdc Pass RF Protector	TNC Female	TNC Female	800 MHz to 2.5 GHz
<b>DGXZ+15TTF-BN</b> 	Hybrid +15 Vdc Pass RF Protector	TNC Female	TNC Female	800 MHz to 2.5 GHz
<b>DGXZ+24NFnF-B</b> 	Hybrid +24 Vdc Pass RF Protector	N Female	N Female	800 MHz to 2.5 GHz
<b>DGXZ+36NFnF-A</b> 	Hybrid +36 Vdc Pass RF Protector	N Female	N Female	800 MHz to 2.5 GHz
<b>DGXZ+36NMNF-A</b> 	Hybrid +36 Vdc Pass RF Protector	N Female	N Male	800 MHz to 2.5 GHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
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### DGXZ-60NFNF-A



Hybrid -60 Vdc Pass RF Protector

N Female

N Female

800 MHz to 2.5 GHz

### DT-NFF



Discrete Gas Tube Protector

N Female

N Female

dc to 3 GHz

### GT-NFF-AL



Gas Tube RF Protector

Bi-Directional N

Bi-Directional N

dc to 7 GHz

### GT-NFM-AL



Gas tube RF Protector

Bi-Directional N

Bi-Directional N

dc to 7 GHz

### GT-NFSF-AL



Gas tube RF Protector

Bi-Directional SMA

Bi-Directional N

dc to 7 GHz

Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
<b>GTH-NFM-AL</b> 	Gas Tube RF Protector	N Male	N Female	dc to 7 GHz
<b>RGT</b> 	Broadband dc Pass Protector	Bi-Directional N	Bi-Directional N	dc to 2.4 GHz
<b>RGT-DFM</b> 	Outdoor, Bidirectional Arrestor - PolyPhaser RGT DFM	DIN Female	DIN Male	dc to 2.7 GHz
<b>RGT-ME</b> 	Broadband dc Pass Protector	Bi-Directional N	Bi-Directional N	dc to 2.4 GHz
<b>SP-NFM-6</b> 	DC Pass Straight Sampler Port (Kit of 6)			dc to 3 GHz



Product Number	Short Description	Protected Side Connector	Surge Side Connector	Frequency
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### SP-NFM-AL



DC Pass  
Straight  
Sampler Port

dc to 3 GHz

### TSXDC-DFP



Bi-Directional  
High Pass  
Filter PIM

DIN Female

DIN  
Female

698Mhz TO  
2.7GHz RF dc  
TO 2.5MHz  
Telemetry  
(ASIG)

### TSXDC-DFM



Bi-Directional  
High Pass  
Filter PIM

Bi-  
Directional  
D

Bi-  
Directional  
D

698 MHz to 2.5  
GHz