Cisco 1.25 GHz Surge-Gap Reverse Window Taps

Cisco® 1.25 GHz Surge-Gap Reverse Window Taps are the latest products designed for the DOCSIS® 3.1 evolution of hybrid fiber-coaxial (HFC) networks. They offer all the benefits of our standard surge-gap taps and allow increased efficiency in system design by reducing reverse path tap losses and tilted forward path tap losses.

Reverse window taps provide benefits in the HFC plant at tap locations with high level forward RF signals and significant up-tilt (typically the tap locations closest to nodes and amplifiers). The 1.25 GHz reverse window taps are offered in several forward and reverse tap values (Figure 1).

Figure 1. Cisco 1.25 GHz Surge-Gap Reverse Window Taps

In the forward path, the tap loss in the reverse window tap is deliberately down-tilted, with greater loss at higher frequencies than at lower frequencies. This allows more frequent use of high-value taps, which increases system design efficiency, and it improves the ability to optimize tap port levels.

In the reverse path, the reverse window taps have lower tap losses than traditional high-value taps. By using Reverse Window taps, the total range of reverse path tap losses in the HFC plant can be narrowed. This improvement allows the range of RF levels transmitted from closed loop customer premises equipment (CPEs) to also be narrowed as well, which can improve the reliability of upstream transmissions. All surge-gap tap products have IEEE-compliant 6kV surge protection. As a result, they offer greatly improved protection against voltage transients in lightning-strike areas and locations with unreliable power networks.

The 1.25 GHz reverse window taps continue to offer the make before break capabilities of previous Cisco tap products, which allow a tap faceplate to be removed without interrupting service to downstream customers.

Features

- Six forward path cable slope values and two reverse path values available in various combinations
- Available in 2-, and 4-way standard Surge-Gap Tap Housings
- Also available in 2-, 4-, and 8-way full profile housings
- AC/RF bypass switch that provides interruption-free service to downstream subscribers during faceplate removal
- 12A through current rating
- AC blocking capacitors on each port to minimize RF signal distortions
- Backwards-compatible housing that supports economical faceplate upgrades
- Increased surge tolerance with rugged design that lets new products continue to operate after surges that would typically damage ordinary products and interrupt service
- Improved return loss to lessen reflected signals for a “cleaner” signal
- AL360T housing with powder coating for superior environmental protection
- Sealed and swaged extended F-ports for greatest resistance to moisture ingress
- Nickel-plated brass F-ports to help ensure a corrosion-resistant drop interface
- Component covers for additional protection of faceplate circuitry during maintenance
- Versatile housing design that permits aerial, pedestal, or multiple dwelling unit (MDU) mounting schemes

Specifications

Tables 1 through 7 provide specifications for Cisco 1.25 GHz Surge-Gap Reverse Window Taps.

Table 1. General Specifications

Item	Value			
	Frequency (MHz)	Specifications		
Power passing	–	12 Amps		
Tap-Tap isolation		2-way	4-way	8-way
	5 to 50	24 dB	24 dB	24 dB
	51 to 650	24 dB	24 dB	22 dB
	651 to 870	22 dB	24 dB	22 dB
	871 to 1250	22 dB	22 dB	22 dB
In-Out return loss	5 to 1000	18dB		
	1001 to 1250	16dB		
Tap port return loss	5 to 1000	18 dB		
	1001 to 1250	16 dB		
Hum modulation @ 10 amps	5 to 450	60 dBc		
	451 to 750	55 dBc		
	751 to 1250	50 dBc		
EMI shielding (minimum)*	5 to 15	85 dB		
	16 to 1250	100 dB		

* **Note:** Tested per ANSI/SCTE 48-2 2003

Table 2. AC/RF Bypass Switch Performance

	Units	Specification	Notes
System Open Circuit Time	ms	0 ms	
Contact Resistance	mOhms	10 max	
Through Current Capacity	Amps	12	
Voltage Capacity	V AC	90	
RF Frequency Range	MHz	5 to 1250	
Insertion Loss & Return Loss		See Loss Table	
Operating Temperature	°C	-40 to 60°C	

Table 3. AC/RF Bypass Switch Insertion Loss and Return Loss Table

Item	Value					
AC/RF Bypass	**5 MHz**	**500 MHz**	**750 MHz**	**870 MHz**	**1 GHz**	**1.25 GHz**
Short Circuited Insertion Loss (dB)	0.02 max <0.01 mean	0.6 max 0.4 mean	0.8 max 0.5 mean	0.7 max 0.4 mean	0.7 max 0.5 mean	0.7 max 0.5 mean
Short Circuited Return Loss (dB)	45 min 50 mean	16 min 16.5 mean	16 min 16.5 mean	18 min 18.5 mean	21 min 22 mean	21 min 22 mean

Unless otherwise noted, specifications reflect typical performance and are referenced to 68°F (20°C). Specifications are based on measurements made in accordance with SCTE and ANSI standards (where applicable), using standard frequency assignments.

Table 4. Mechanical Specifications

Standard Tap	Units	2-Way and 4-Way	Notes
Height	in. (mm)	3.6 (91.44)	
Width	in. (mm)	3.6 (91.44)	
Depth	in. (mm)	3.0 (76.2)	
Full Profile Tap	**Units**	**2-Way, 4-Way, and 8-Way**	
Height	in. (mm)	4.25 (107.95)	
Width	in. (mm)	5.25 (133.35)	
Depth	in. (mm)	3.0 (76.2)	
Surge Resistance: • Input/Output ports - (combination wave) • Tap ports (ring wave)	 kV kV	 6 6	
Standards Compliance			
Mechanical	ANSI/SCTE 01 1996 - F-port interface specification SCTE IPS-SP-500 - entry port interface specification		
Emissions	FCC - Part 76, Subpart K EN 50083-2/A1: 1998		
Environmental	ASTM G 53 - weathering specification ASTM B 117 - salt spray specification ASTM D 31 - chip resistance specification EN 60529: 1992 (IP test) Bellcore GR-63-CORE - vibration/transportation ANSI/EEEE C62.41 - lightning		
Electrical Safety	UL Subject 1697 EN 50083-1/A2: 1997 EN 60065: 1998 IEC 60065: 1998		

Table 5. 2-Way Surge-Gap Reverse Window Tap – Standard Profile or Full Profile Housing

Item	Frequency (MHz)	F20/R17		F23/R17		F23/R20		F26/R20		F29/R20		F32/R20		F35/R20	
Insertion Loss (In-Out) (-dB) Max		Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP
	5	1.1	0.7	1.1	0.7	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.4	0.8	0.5
	40	0.8	0.5	0.8	0.5	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.3	0.7	0.4
	55	0.8	0.5	0.8	0.5	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4
	70	0.8	0.6	0.8	0.6	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4
	86	0.8	0.6	0.8	0.6	0.7	0.5	0.7	0.5	0.7	0.5	0.7	0.5	0.7	0.5
	105	0.9	0.6	0.9	0.6	0.7	0.5	0.7	0.5	0.7	0.5	0.7	0.5	0.7	0.5
	204	1.1	0.7	1.1	0.7	0.9	0.6	0.9	0.6	0.9	0.6	0.9	0.6	0.9	0.6
	258	1.2	0.8	1.2	0.8	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	550	1.4	1.1	1.4	1.1	1.3	0.9	1.3	0.9	1.3	1.0	1.3	1.0	1.3	1.0
	650	1.5	1.2	1.5	1.2	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0
	750	1.6	1.4	1.6	1.3	1.4	1.1	1.4	1.1	1.4	1.1	1.4	1.1	1.4	1.1
	870	1.8	1.5	1.8	1.5	1.7	1.3	1.7	1.3	1.7	1.3	1.7	1.3	1.7	1.3
	1000	2.0	1.7	2.0	1.7	1.9	1.4	1.9	1.5	1.9	1.5	1.9	1.5	1.9	1.5
	1218	2.3	2.0	2.3	2.0	2.3	1.8	2.3	1.9	2.3	1.9	2.3	2.0	2.3	2.0
	1250	2.4	2.2	2.4	2.1	2.4	1.9	2.4	2.0	2.4	2.1	2.4	2.1	2.4	2.2
Tap Port Insertion Loss	5	16.6		16.6		19.6		19.6		19.6		19.6		19.6	
	40	17.2		17.2		20.2		20.2		20.2		20.2		20.2	
	55	17.2		17.2		20.2		20.2		20.2		20.2		20.2	
	70	17.3		17.3		20.3		20.3		20.3		20.3		20.4	
	86	17.3		17.3		20.3		20.3		20.3		20.4		20.5	
	105	17.4		17.4		20.4		20.4		20.4		20.6		20.8	
	204	17.8		17.9		20.8		20.9		21.3		21.9		22.6	
	258	18.1		18.3		21.1		21.3		21.9		22.7		23.6	
	550	19		20.3		22		23.3		24.9		27.2		29	
	650	19.2		20.9		22.2		23.9		25.8		28.4		30.4	
	750	19.4		21.4		22.4		24.4		26.5		29.3		31.5	
	870	19.6		22		22.6		25		27.4		30.3		32.7	
	1000	19.8		22.5		22.8		25.5		28.1		31.2		33.7	
	1218	19.95		22.9		22.95		25.9		28.9		31.9		34.9	
	1250	20		23		23		26		29		32		35	
Isolation (Out-Tap) (-dB) Min	5-50	27		27		27		27		27		27		27	
	51-550	27		27		27		27		27		27		27	
	551-650	27		27		27		27		27		27		27	
	651-750	27		27		27		27		27		27		27	
	751-870	27		27		27		27		27		27		27	
	870-1000	27		27		27		27		27		27		27	
	1001-1250	27		27		27		27		27		27		27	

Table 6. 4-Way Surge-Gap Reverse Window Tap – Standard Profile or Full Profile Housing

Item	Frequency (MHz)	F20/R17		F23/R17		F23/R20		F26/R20		F29/R20		F32/R20		F35/R20	
		Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP	Max	TYP
Insertion Loss (In-Out) (-dB) Max	5	1.4	1.0	1.4	1.0	0.8	TYP	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.5
	40	1.2	0.9	1.2	0.9	0.6	0.5	0.6	0.4	0.6	0.4	0.6	0.4	0.6	0.4
	55	1.2	0.9	1.2	0.9	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4
	70	1.2	0.9	1.2	0.9	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4	0.7	0.4
	86	1.2	0.9	1.2	0.9	0.8	0.4	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.5
	105	1.2	0.9	1.2	0.9	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.5	0.8	0.5
	204	1.3	1.0	1.3	1.0	0.9	0.5	0.9	0.6	0.9	0.6	0.9	0.6	0.9	0.6
	258	1.4	1.2	1.4	1.2	1.0	0.6	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	550	1.8	1.5	1.8	1.5	1.4	0.7	1.4	1.1	1.4	1.1	1.4	1.1	1.4	1.1
	650	1.9	1.6	1.9	1.6	1.5	1.1	1.5	1.2	1.5	1.2	1.5	1.2	1.5	1.2
	750	2.1	1.9	2.1	1.9	1.6	1.2	1.6	1.3	1.6	1.3	1.6	1.3	1.6	1.3
	870	2.3	2.0	2.3	2.0	1.8	1.3	1.8	1.5	1.8	1.5	1.8	1.5	1.8	1.5
	1000	2.5	2.3	2.5	2.3	2.1	1.5	2.1	1.9	2.1	1.9	2.1	1.9	2.1	1.9
	1218	2.9	2.7	2.9	2.7	2.5	1.9	2.5	2.3	2.5	2.3	2.5	2.3	2.5	2.3
	1250	3.0	2.8	3.0	2.8	2.6	2.3	2.6	2.4	2.6	2.4	2.6	2.4	2.6	2.4
Tap Port Insertion Loss (+/–1.5 dB)	5	16.6		16.6		19.6		19.6		19.6		2.4		19.6	
	40	17.2		17.2		20.2		20.2		20.2		20.2		20.2	
	55	17.2		17.2		20.2		20.2		20.2		20.2		20.2	
	70	17.3		17.3		20.3		20.3		20.3		20.3		20.4	
	86	17.3		17.3		20.3		20.3		20.3		20.4		20.5	
	105	17.4		17.4		20.4		20.4		20.4		20.6		20.8	
	204	17.8		17.9		20.8		20.9		21.3		21.9		22.6	
	258	18.1		18.3		21.1		21.3		21.9		22.7		23.6	
	550	19.0		20.1		22.0		23.3		24.8		27.2		29.0	
	650	19.2		20.6		22.2		23.9		25.5		28.4		30.3	
	750	19.4		20.9		22.4		24.4		26.2		29.3		31.3	
	870	19.6		21.5		22.6		25.0		26.9		30.0		32.2	
	1000	19.8		22.0		22.8		25.5		27.6		30.7		33.1	
	1218	20.0		22.9		23.0		25.9		28.9		32.3		35.2	
	1250	20.0		23.2		23.0		26.0		29.2		32.6		35.6	
Isolation (Out-Tap) (-dB) Min	5-50	27		27		27		27		27		27		27	
	51-550	27		27		27		27		27		27		27	
	551-650	27		27		27		27		27		27		27	
	651-750	27		27		27		27		27		27		27	
	751-870	27		27		27		27		27		27		27	
	870-1000	27		27		27		27		27		27		27	
	1001-1250	27		27		27		27		27		27		27	

Table 7. 8-Way Surge-Gap Reverse Window Tap - Full Profile Housing

Item	Frequency (MHz)	F20/R17		F23/R17		F23/R20		F26/R20		F29/R20		F32/R20		F35/R20	
Insertion Loss (In-Out)(-dB) Max	5	2.4	2.1	2.4	2.1	1.2	0.9	1.2	0.9	1.2	0.9	1.2	0.9	1.2	0.9
	40	1.7	1.4	1.7	1.4	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	55	1.7	1.4	1.7	1.4	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	70	1.7	1.4	1.7	1.4	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	86	1.7	1.4	1.7	1.4	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	105	1.7	1.4	1.7	1.4	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7	1.0	0.7
	204	1.8	1.5	1.8	1.5	1.2	0.9	1.2	0.9	1.2	0.9	1.2	0.9	1.2	0.9
	258	1.9	1.6	1.9	1.6	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3	1.0
	550	2.6	2.3	2.6	2.3	1.8	1.5	1.8	1.5	1.8	1.5	1.8	1.5	1.8	1.5
	650	2.7	2.4	2.7	2.4	2.0	1.7	2.0	1.7	2.0	1.7	2.0	1.7	2.0	1.7
	750	2.9	2.6	2.9	2.6	2.1	1.8	2.1	1.8	2.1	1.8	2.1	1.8	2.1	1.8
	870	3.3	3.0	3.3	3.0	2.4	2.1	2.4	2.1	2.4	2.1	2.4	2.1	2.4	2.1
	1000	3.7	3.5	3.7	3.5	2.8	2.5	2.8	2.5	2.8	2.5	2.8	2.5	2.8	2.5
	1218	4.2	4.0	4.2	4.0	3.3	3.1	3.3	3.1	3.3	3.1	3.3	3.1	3.3	3.1
	1250	4.3	4.1	4.3	4.1	3.4	3.2	3.4	3.2	3.4	3.2	3.4	3.2	3.4	3.2
Tap Loss (+/–1.5 dB)	5	18.1		18.1		20.6		20.6		20.6		20.6		20.6	
	40	18.2		18.2		20.7		20.7		20.7		20.7		20.7	
	55	18.2		18.2		20.7		20.7		20.7		20.7		20.7	
	70	18.3		18.3		20.8		20.8		20.8		20.8		20.9	
	86	18.3		18.3		20.8		20.8		20.8		20.9		21	
	105	18.4		18.4		20.9		20.9		20.9		21.1		21.3	
	204	18.8		18.9		21.3		21.4		21.8		22.4		23.1	
	258	19.1		19.3		21.6		21.8		22.4		23.2		24.1	
	550	20		21.3		22.5		23.8		25.4		27.7		29.5	
	650	20.2		21.9		22.7		24.4		26.3		28.9		30.9	
	750	20.4		22.4		22.9		24.9		27		29.8		32	
	870	20.6		23		23.1		25.5		27.9		30.8		33.2	
	1000	20.8		23.5		23.3		26		28.6		31.7		34.2	
	1218	21.15		24.1		23.45		26.4		29.4		32.4		35.7	
	1250	21.4		24.4		23.8		26.8		29.8		32.8		36.1	
Isolation (Out-Tap) (-dB) Min	5-50	26		26		30		30		30		30		30	
	51-1250	30		30		30		30		30		30		30	

Unless otherwise noted, specifications reflect typical performance and are referenced to 68°F (20°C). Specifications are based on measurements made in accordance with SCTE/ANSI standards (where applicable), using standard frequency assignments.

Ordering Information

Tables 8 through 10 provide ordering information for Cisco 1.25 GHz Surge-Gap Reverse Window Taps.

Table 8. Surge-Gap Reverse Window Taps Standards PID List

Standard Surge-Gap Reverse Window Taps	Product Description
SG-RW-2-F20R17-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F20dB/R17dB (Mult=20)
SG-RW-2-F23R17-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F23dB/R17dB (Mult=20)
SG-RW-2-F23R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F23dB/R20dB (Mult=20)
SG-RW-2-F26R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F26dB/R20dB (Mult=20)
SG-RW-2-F29R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F29dB/R20dB (Mult=20)
SG-RW-2-F32R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F32dB/R20dB (Mult=20)
SG-RW-2-F35R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 2way, F35dB/R20dB (Mult=20)
SG-RW-4-F20R17-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F20dB/R17dB (Mult=20)
SG-RW-4-F23R17-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F23dB/R17dB (Mult=20)
SG-RW-4-F23R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F23dB/R20dB (Mult=20)
SG-RW-4-F26R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F26dB/R20dB (Mult=20)
SG-RW-4-F29R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F29dB/R20dB (Mult=20)
SG-RW-4-F32R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F32dB/R20dB (Mult=20)
SG-RW-4-F35R20-STD	Surge-Gap Rev Wndw Tap, 1.25GHz, 4way, F35dB/R20dB (Mult=20)

Table 9. Surge-Gap Reverse Window Taps Faceplates Standards PID List

Standard Surge-Gap Reverse Window Tap Faceplates	Product Description
SG-RW-2-F20R17-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F20dB/R17dB (Mult=20)
SG-RW-2-F23R17-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F23dB/R17dB (Mult=20)
SG-RW-2-F23R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F23dB/R20dB (Mult=20)
SG-RW-2-F26R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F26dB/R20dB (Mult=20)
SG-RW-2-F29R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F29dB/R20dB (Mult=20)
SG-RW-2-F32R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F32dB/R20dB (Mult=20)
SG-RW-2-F35R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 2w, F35dB/R20dB (Mult=20)
SG-RW-4-F20R17-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F20dB/R17dB (Mult=20)
SG-RW-4-F23R17-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F23dB/R17dB (Mult=20)
SG-RW-4-F23R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F23dB/R20dB (Mult=20)
SG-RW-4-F26R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F26dB/R20dB (Mult=20)
SG-RW-4-F29R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F29dB/R20dB (Mult=20)
SG-RW-4-F32R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F32dB/R20dB (Mult=20)
SG-RW-4-F35R20-SFP	Surge-Gap Rev Wndw Tap, Faceplate, 1.25G, 4w, F35dB/R20dB (Mult=20)

Table 10. Surge-Gap Full Profile Reverse Window PID List

Surge-Gap Full Profile Reverse Window Taps	Product Description
SG-RW-2-F20R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F20dB/R17dB (Mult=10)
SG-RW-2-F23R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F23dB/R17dB (Mult=10)
SG-RW-2-F23R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F23dB/R20dB (Mult=10)

Surge-Gap Full Profile Reverse Window Taps	Product Description
SG-RW-2-F26R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F26dB/R20dB (Mult=10)
SG-RW-2-F29R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F29dB/R20dB (Mult=10)
SG-RW-2-F32R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F32dB/R20dB (Mult=10)
SG-RW-2-F35R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 2way, F35dB/R20dB (Mult=10)
SG-RW-4-F20R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F20dB/R17dB (Mult=10)
SG-RW-4-F23R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F23dB/R17dB (Mult=10)
SG-RW-4-F23R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F23dB/R20dB (Mult=10)
SG-RW-4-F26R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F26dB/R20dB (Mult=10)
SG-RW-4-F29R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F29dB/R20dB (Mult=10)
SG-RW-4-F32R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F32dB/R20dB (Mult=10)
SG-RW-4-F35R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 4way, F35dB/R20dB (Mult=10)
SG-RW-8-F20R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F20dB/R17dB (Mult=10)
SG-RW-8-F23R17-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F23dB/R17dB (Mult=10)
SG-RW-8-F23R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F23dB/R20dB (Mult=10)
SG-RW-8-F26R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F26dB/R20dB (Mult=10)
SG-RW-8-F29R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F29dB/R20dB (Mult=10)
SG-RW-8-F32R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F32dB/R20dB (Mult=10)
SG-RW-8-F35R20-FP	Surge-Gap Rev Wndw FP Tap, 1.25GHz, 8way, F35dB/R20dB (Mult=10)

Table 11. Surge-Gap Full Profile Reverse Window Faceplates PID List

Surge-Gap Full Profile Reverse Window Faceplates	Product Description
SG-RW-2-F20R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F20dB/R17dB (Mult=10)
SG-RW-2-F23R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F23dB/R17dB (Mult=10)
SG-RW-2-F23R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F23dB/R20dB (Mult=10)
SG-RW-2-F26R23-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F26dB/R20dB (Mult=10)
SG-RW-2-F29R23-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F29dB/R20dB (Mult=10)
SG-RW-2-F32R23-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F32dB/R20dB (Mult=10)
SG-RW-2-F35R23-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 2w, F35dB/R20dB (Mult=10)
SG-RW-4-F20R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F20dB/R17dB (Mult=10)
SG-RW-4-F23R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F23dB/R17dB (Mult=10)
SG-RW-4-F23R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F23dB/R20dB (Mult=10)
SG-RW-4-F26R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F26dB/R20dB (Mult=10)
SG-RW-4-F29R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F29dB/R20dB (Mult=10)
SG-RW-4-F32R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F32dB/R20dB (Mult=10)
SG-RW-4-F35R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 4w, F35dB/R20dB (Mult=10)
SG-RW-8-F20R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F20dB/R17dB (Mult=10)
SG-RW-8-F23R17-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F23dB/R17dB (Mult=10)
SG-RW-8-F23R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F23dB/R20dB (Mult=10)
SG-RW-8-F26R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F26dB/R20dB (Mult=10)
SG-RW-8-F29R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F29dB/R20dB (Mult=10)
SG-RW-8-F32R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F32dB/R20dB (Mult=10)
SG-RW-8-F35R20-FFP	Surge-Gap Rev Wndw FP Faceplate, 1.25G, 8w, F35dB/R20dB (Mult=10)

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