

# QoS<sup>®</sup> Series SBS Band Reject Tiering Filters

A few subscribers choose to pay for high-speed Internet or telephony without video services. To prevent unauthorized reception of analog video services, a filter is typically used. PPC's new SBS Data Only filter effectively removes the analog tier while ensuring no impairments are introduced over DOCSIS frequencies.

## Features

- Minimum -16 dB return loss (typically -20 dB)
- Maximum -1.5 dB insertion loss (typically -1.2 dB)
- Small physical size minimizes risk of port damage
- Precision four-point female seizure contact
- SCTE compliant connector interfaces



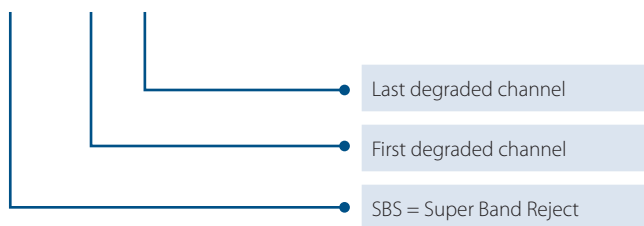
Available in AK Assembly

## Specifications

Frequency	Direct Current
Impedance	75 Ohms
Shielding Effectiveness	> 120 dB
Dimensions	Length = 2.15 in (5.46 cm) Diameter = 0.81 in (21 mm)
Surge	6 kV per SCTE IPS-TP-210

## Sample Part #:

**SBS-2/78**



## Trap Specifications (Model Specific)

Model: **SBS-2/78**      Prep. By S.S.      Date: 5/21/08  
 Typical passband insertion loss: 0.6 dB      Minimum operating frequency: 1 GHz

Marker #	Freq. Desc.	Freq. (MHz)	Typical Loss (dB)	Limits (dB)
1		5.0	0.6	
2		42	2.8	3.5 max.
3	2 vid.	55.25	64	45 min.
4	73 vid.	517.25	62	45 min.
5		550	3.0	3.5 max.
6		860	0.6	
7		1000	0.9	
8				

