

Passive Coaxial Monitoring – 50Ω / 75Ω – DC to 300MHz DC Passed – Extremely Low Loss $\leq 0.5\text{dB}$ – High Isolation

Extreme Low Loss, ALL Passive Monitoring, $\geq 24\text{dB}$ Isolation

A family of Highly Selective ALL Passive Coaxial Monitoring for Radio and Satellite Communications. These modules are individually housed in a shielded enclosure, with customer selection of optional 50Ω / 75Ω RF connectors. No impact on Main Path Group delay or Return Loss. Main Path DC is passed. Balanced configurations can also be supplied.

NewCore's Coaxial Monitoring modules may be rack mounted on a DIN style 1-mounting plate shelf. Between 12 and 22 coaxial signals may be supported on a 17" wide shelf.

Contact NewCore for your specific requirements and delivery information.



Basic Features

- Typical In-Band loss $\sim \leq 0.5\text{dB}$
- Up to 300MHz coverage. Higher frequency limits can also be supported.
- 50Ω / 75Ω Interfaces
- No impact on Main Path Group Delay
- No impact on Main Path Return Loss
- Typical Monitor Port level: 12dB below Main Path
- PCB Mountable

Optional Features

- RF Connectors
 - 75Ω: F-Female
 - 50Ω: SMA-F
 - 50Ω / 75Ω BNC-F
- Balanced Configurations can also be supported.

Benefits

- **Simplified Operation**
 - Lab Applications
 - Field Applications
 - PCB Mountable
- **Reduced Costs**
 - Purchased as a Block
 - No Customer Tuning
 - Ease of integration



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Easy to use. Easy to Integrate. Call NewCore today for more information.