

Space-Related Products - One Page Technical Datasheet

Product photos + QR codes. Satellite RF transport, GPS/GNSS timing distribution, RF-over-fiber, satellite IRD, RF-to-IP gateway and DVB-S/S2 modulation. No price or availability included.



L-BAND over Fiber Tx+Rx Basic 1 Ch Kit
F-LBAND-Tx/Rx | Thor Fiber | Satellite RF
Use: Extends L-Band satellite RF from dish/antenna to receiver racks over fiber.
Specs: L-Band RF; up to 80 km; LNB power options.
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1 GPS Fiber Transport System
F-1GPS-TX/RX | Thor Fiber | GPS/GNSS
Use: Moves GPS antenna signal from clear-sky antenna to protected indoor timing equipment.
Specs: Single GPS link; up to 20 km; single-mode; SC/APC.
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4 Ch L-Band Satellite Over Single Fiber Extender
F-LB41-CWDM-TxRx | Thor Fiber | Satellite RF
Use: Transports four LNB/satellite feeds over one fiber for dish farm or headend systems.
Specs: 4 RF inputs; 45-3000 MHz; CWDM; up to 40 km.
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GPS/GNSS Over Fiber In-Building Distribution
F-GNSS-TX/RX | Thor Fiber | GPS/GNSS
Use: Distributes outdoor GNSS reception indoors for buildings, tunnels and data centers.
Specs: Master-to-remote GNSS; up to 32 remote units.
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6 Ch L-Band Satellite Over Single Fiber Extender
F-LB61-CWDM-TxRx | Thor Fiber | Satellite RF
Use: Extends six satellite LNB feeds over one fiber for larger antenna and MDU systems.
Specs: 6 RF inputs; 54-3000 MHz; CWDM; ATSC/off-air feed.
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6 GHz RF over Fiber
F-RFoF-6GHZ-TxRx | Thor Fiber | Wideband RFoF
Use: Transparent RF-over-fiber link for antennas, RF instruments, GPS, timing and telecom.
Specs: 100 MHz to 6 GHz; single-mode up to 40 km.
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18 GHz Ku-Band Fiber Optic Mini TX/RX
F-RFoF-18GHZ-TxRx | Thor Fiber | Wideband RFoF
Use: Carries high-frequency RF over fiber for Ku-band, RF labs, radar, DAS and telecom.
Specs: 10 MHz to 18 GHz; analog/digital RF; 0-40 km.
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4 GPS Signals over Fiber - Waterproof Outdoor TX
F-4GPS-TX-WE/RM | Thor Fiber | GPS/GNSS
Use: Transports four GPS RF carriers from outdoor antennas to indoor rack equipment.
Specs: 4 GPS signals; 4 fibers; waterproof TX; rack RX.
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IRD - Satellite or ATSC Decoder to SDI, IP, ASI
H-IRD-V3S | Thor Broadcast | Headend
Use: Decodes satellite/ATSC/QAM services to broadcast SDI, IP and ASI outputs.
Specs: DVB-S2/ATSC/QAM; HD-SDI/IP/ASI; 608/708 CC.
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16 RF Tuners to IPTV - DVB-S/S2 Tuners to IP
H-16DVBS-IP | Thor Broadcast | Headend
Use: Converts satellite DVB-S/S2 RF tuner inputs to IPTV transport streams.
Specs: 16 DVB-S/S2 tuners; IP SPTS; UDP/RTP/RTSP.
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SDI to DVB-S/S2 Satellite Modulator
H-1SDI-DVBS2 | Thor Broadcast | Satellite Modulation
Use: Encodes SDI video and outputs a DVB-S/S2 satellite carrier.
Specs: HD/SD/3G-SDI; MPEG-2/H.264; AC3; ASI I/O.
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