



RealTime Systems Limited
A-235, Okhla Industrial Area Phase-1, New Delhi-110020
Ph: 011-26812556 /57, 26812630 Fax: 011-268125555
Website: www.rtsindia.com

RT 704S E1 (V.35) FIBER MODEM



Product Brief

RT704S is an E1 fiber MODEM which can realize long distance E1 transmission through multi-mode or single mode optical fiber. Utilizing one pair of optical fiber, it can transmit E1 at Nx64kbps, 2.048Mbps for the distance up to 120Km, which is 12 times of XDSL transmission distance. If its distance is within 2.5 Km, Realtime fiber modem can have other two DTE interface options.

Features

Optical connector SC or FC optional;
Network transmit rate: Nx64kbps (2.048Mbps)
Transmission distance: max 2Km for multi-mode, max 120Km for single mode;
DTE Interface V.35 G.703 G.704 optional
Clock mode: external, internal clock;
Dimension: 190 H x 138 W x 40 D mm

Specifications:

E1 or V.35 Interface:

Optical connector: SC or FC
Network transmit rate: Nx64kbps ~ 2.048Mbps
DTE interface:
 V.35: M/34 connector
 G.703: 75Ω BNC and 120Ω RJ-45
Power supply: 130-260VAC50Hz
 -36 -72VDC
Power Consumption: 5W
Operating Temp.: 0 - 50
Storage Temp.: -20 - 80
Humidity: 5% - 95% non-condescending
MTBF : > 50K hours

Optical Interface:

Line rate: 4.096Mbps
Line coding: CMI
Fiber type:
 Multi-mode: -50/125、 62.5/125 or 100/140um
 Single mode: -8.3/125、 8.7/125、 9/125 or 10/125um
Wavelength: 1310nm or 1550nm
Optical power: -14dBm~+1dBm



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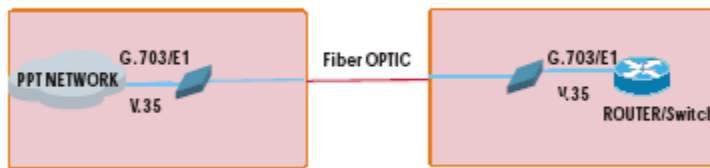
Receiving sensitivity: $\leq 36\text{dBm}$ 67.58Mbps

Order Info. :

- RT35M** V.35 multi-mode 2KM
- RT703M** G.703 multi-mode 2KM 2.048Mbps
- RT704M** G.703 multi-mode 2KM, Nx64kbps
- RT703S** G.703 single/multi-mode 20-120KM, 2.048Mbps
- RT704S** G.703 single/multi-mode 20-120KM, Nx64kbps

Rack mount/Chasses based fiber modem is also available

Applications



<p>USA Headquarters Distinctive Devices Inc Suit # 100, One Bridge Plaza , Fort Lee , New Jersey – 07024 Tel : 201-363-9922 Fax : 201-363-9926 http://www.ddev.net</p>	<p>Manufacturing Realtime System Ltd. A-235, Okhla Industrial Area, Phase –1, New Delhi – 110 020 Tel : 011- 2681 2556/57 , Fax: 011-26812555 Email : realtime@vsnl.com http://www.rtsindia.com</p>	 <p align="center"> FM 59103 ISO 9001 Certified </p>
<p>Athourized Dealer Kiran Electronics 13, Nutan Complex, Old Bus Stand, G.E. Road, Raipur (C.G.) PIN 492001 Tel : +91-771-2537999 Fax : +91-771-2227999 http://www.kiranelectronics.in Email: vikas@kiranelectronics.in</p>		