

# DataComm 554

MOVING FROM 56 Kbps TO 1.536 Mbps - THE GDC WAY

## SPECIFICATIONS

Data Rates:	N X 64 Kbps or N X 56 Kbps where N = 1 to 24 Maximum aggregate payload rate of 1.536 Mbps
Data Encoding:	Bipolar Return to Zero (AMI or B8ZS)
Frequency:	1.544 Mbps + 50 bps
Framing:	D4, AT&T 54016 ESF, ANSI T1.403 ESF
Network Interface:	1.544 Mbps channelized DS1 in consecutive or alternate DSOs or field selectable DSX-1 (Complies with AT&T 54019A specifications for FT1 transmission - a requirement for Frame Relay services)
DTE Ports:	One
DTE Interfaces:	ITU-T V.35 or EIA-530
Rack Slots:	One
Timing Options:	Internal clock; DTE external clock, slave timing (received timing loopback)

### Power Requirements

Standalone:	117 VAC, 15 W maximum
Rackmount:	117 VAC or -48 VDC, 15W maximum
TriPak:	117 VAC or -48 VDC, 15W maximum

Humidity: 95% without condensation

### Physical Characteristics

	Standalone	Rackmount (DataComm or Universal Systems Shelf)	TriPak
Height	99 mm (3.9 in.)	267 mm (10.5 in.)	89 mm (3.5 in.)
Width:	277 mm (10.9 in.)	483 mm (19.0 in.)	483 mm (19.0 in.)
Depth:	318 mm (12.5 in.)	343 mm (13.5 in.)	305 mm (12.0 in.)
Weight:	3.2 kg (7.1 lbs)	22.9 kg (50.5 lbs)	7 kg (15.5 lbs)
Shipping Weight:	3.6 kg (8.1 lbs)	25.2 kg (55.6 lbs)	9.3 kg (20.5 lbs)

### Operating

Temperature:	0° to 50° C (32° to 122° F)	0° to 50° C (32° to 122° F)	0° to 50° C (32° to 122° F)
--------------	--------------------------------	--------------------------------	--------------------------------

### Storage

Temperature:	-40° to 70° C (-40° to 158° F)	-40° to 85° C (-40° to 185° F)	-40° to 85° C (-40° to 185° F)
--------------	-----------------------------------	-----------------------------------	-----------------------------------

Safety Protection: UL listed and CSA approved