



DESCRIPTION

- The KHS.703 module provides Kilomux with two 64 kbps G.703 codirectional data channels. Each channel can be either independently active or non-active.
- Any channel of the KHS.703 module may be directed to any channel of another KHS.703 module at the remote site.
- Two receive clocking modes are supported:
 - **Internal clock**
G.703 timing source is locked to the nodal timing
 - **External clock**
Nodal timing is locked to the receive pair timing of one of the KHS.703 channels. This locks the Kilomux timing to the external 64 kbps G.703 channel.
- Comprehensive self-test initiated upon power-on and extensive diagnostics reduce downtime to a minimum.
- Separate LED indicators show loss of signal (TX LOSS) and loss of octet timing (OOS).
- The physical interface is via a separate RJ-45 connector for each channel.
- Channel operating rate is software selectable via the Management System.

FEATURES

- Supports two 64 kbps G.703, codirectional data channels
- Two timing modes
- Enhanced diagnostics
- Parameter settings via Management System

KHS.703

2-Channel G.703 Codirectional Data Module

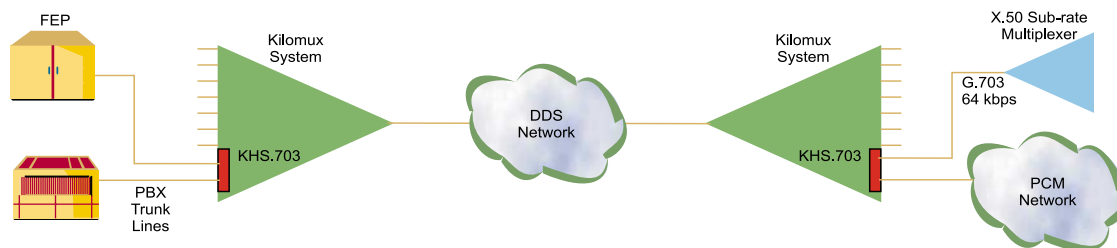
SPECIFICATIONS

- **Number of Data Channels**
Two
- **Data Rate per Channel**
64 kbps
- **Interface**
Codirectional, per G.703
- **Connectors**
RJ-45 (one for each channel)
- **Transmit Pair Timing (RX-OUT)**
Locked to nodal timing
- **Receive Pair Timing (TX-IN)**
 - Internal:
Locked to Kilomux-2100 nodal timing
 - External:
Kilomux-2100 nodal timing is locked to the external G.703 timing source of one of the KHS.703 channels
- **Diagnostics**
 - Local loop:
Loopback towards G.703 equipment
 - Remote loop:
Loopback towards remote equipment
 - BERT:
Built in BERT
- **Configuration**
Programmable via the Management System
- **LED Indicators**
Per channel:
TX-LOSS Loss of Signal
OOS Loss of Octet Timing

ORDERING

KM-2100M-KHS.703
2-Channel, G.703 Codirectional
Module for Kilomux-2100/2104

APPLICATION



data communications

<http://www.rad.com>

- **Corporate Headquarters**
12 Hanechoshet Street
Tel Aviv 69710, Israel
Tel: (972) 3-6458181
Fax: (972) 3-6498250, 6474436
Email: rad@rad.co.il
- **U.S. Main Office**
900 Corporate Drive
Mahwah, NJ 07430
Tel: (201) 529-1100
Fax: (201) 529-5777
Email: market@radusa.com

420-126-05/00