

SMART PROTO CABLE

*Finally!  
A Smarter  
Serial Cable...  
Just for Cisco!*



The CBM Smart Proto Cable (SPC) was specifically designed to provide a smarter multi-protocol cable as an alternative to the "single minded" Cisco Smart Serial Cable. This more intelligent cable can be used by Cisco interface modules that utilize Sub-Mini Nano 26 type connectors, such as the NM 16A/S & WIC-2T modules. The CBM SPC comes in two versions, the DTE (DB25 M) and DCE (DB25 F) which, together, replace over 8 different Cisco cables. The task of determining the right cable for the "right job" is now simpler than ever.

The real benefit of the SPC can be summed up in one word...flexibility. It can be pre-ordered (at lengths other than the Cisco standard 10' length) and pre-installed prior to knowing the required network element interface. At the time of turn-up, the cable can be easily configured to match any network element protocol interface.

**One cable provides five different signaling interfaces using these switches.**



If your interface needs should change after installation, for whatever reason, just re-configure the SPC to what you need. Finally... an intelligent serial cable that makes sense.

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# SPECIFICATIONS

## SMART PROTO CABLE

### Features

- One cable provides five different signaling interfaces, V.35, RS-530A, EIA-530, RS-232, and RS-449. The options are selectable via dip switches built into the SmartProtoCable DB25 connector.
- The DTE/DCE option is selectable via a dip switch. When the DCE option is chosen, the clocking provided by the Cisco router is passed onto the network element. When the DTE option is chosen, clocking is provided by an intervening element, i.e. modem.
- SmartProtoCables are stocked at many lengths, but can also be manufactured to meet specific installation requirements. For shorter cables, (less than 10'), this eliminates excess bulky cable, and for longer cables (greater than 10') it eliminates the need to add cable extensions. Fewer connections improve reliability by reducing the number of possible points of failure in the network.

### Benefits

#### SAVES INITIAL INSTALLATION TIME

Protocol interface can be easily changed on the fly without any disassembly, precision soldering, or connector re-assembly.

#### SAVES POST INSTALLATION TIME

Cable dressing does not need to be disturbed because of an interface change. Just re-option the SPC to match the desired protocol.

#### SIMPLIFIES ORDERING PROCESS

A single cable can support up to five different interfaces. All you need to know is the required length.

Options are changed easily and quickly using this guide.



#### COSTS LESS

Believe it or not, the SPC is comparably priced, and in some cases, depending on the length purchased costs less than the "single minded" Cisco Smart Serial Cable.

SWITCH SETTINGS

1	2	3	4	5	6	
OFF	OFF	OFF				NO CONNECT
OFF	ON	ON				V.35
ON	ON	OFF				RS530A
ON	OFF	ON				EIA530
OFF	OFF	ON				RS232
OFF	ON	OFF				RS449
			OFF			DCE
			ON			DTE
				ON	ON	TXC RXC COMM
				OFF	OFF	TXC RXC NORM

Cisco NM-16A/S and WIC-2T are registered model numbers of Cisco Systems, Inc.

CBM of America, Inc. is a multi-dimensional provider of communications technology products and services to the worldwide marketplace. As a recognized leader in the communications industry, CBM of America, Inc. has taken pride in responding to the demands of its customers.

Today, our innovative product development activities augment the installation, engineering and integration services that we continue to provide to our established customer base. Our technical expertise and dedication to quality achievement ensure our customers' complete satisfaction with our delivered solutions.