

Appendix B RIM/System 12 Comparison

The following figures illustrate the RIM market position. The key attributes of various Alcatel products are shown with regard to each of the planning factors. A similar comparison can be drawn with most exchange remotes.

B.1 Services

Services provided by RIM and System 12 are:

	System 12 Med/Large	S12 RTSU	S12 IRSU	RIM
POTS	Yes	Yes	Yes	Yes
Advanced analogue	Yes	Yes	Yes	Yes
ISDN BA	Yes	Yes	Yes	Yes
ISDN PRA	Yes	Yes	—	Yes
Special services	—	—	—	Yes
Data	—	—	—	Yes

Note RTSU — Remote Traffic Switching Unit
IRSU — ISDN Remote Subscribers Unit

B.2 Transmission Requirements

The transmission requirements for RIM and System 12 are:

Services	System 12 Med/Large	S12 RTSU	S12 IRSU	RIM
Optical fibre	Yes	Yes	Yes	Yes
2 Mbit/s pair cable	Yes	—	Yes	Yes
Analogue trunks	Yes	—	—	Note *

Note * RIM can support single E&M or loop trunks with some signalling protocols.

B.3 System Size Comparisons

The number of lines available in System 12 and RIM are:

System	Number of Lines
S12 (Medium/large)	10,000 to 100,000 lines
S12 RTSU	1,000 to 10, 000 lines
S12 IRSU	256 to n x 962 lines
RIM	60 to 480 lines