

## UCx – Digital Gateway BCM50 DSM32 Wiring Chart

On the UC<sup>x</sup> Digital Gateway expansion, you can connect 16 Nortel digital telephones to each of the two RJ-21 telephony connectors on the DSM32/DSM32+/32DSI module.

The following table provides information about the wiring of the two RJ-21 telephony connectors:

### RJ-21 Connector 1

Connector	Pair	Pins (Tip/Ring)	Wire colors (Tip/Ring)	Device type	Port
Lower	1	26 / 1	White-Blue / Blue-White	Digital phone	1
Lower	2	27 / 2	White-Orange / Orange-White	Digital phone	2
Lower	3	28 / 3	White-Green / Green-White	Digital phone	3
Lower	4	29 / 4	White-Blue / Blue-White	Digital phone	4
Lower	5	30 / 5	White-Slate / Slate-White	Digital phone	5
Lower	6	31 / 6	Red-Blue / Blue-Red	Digital phone	6
Lower	7	32 / 7	Red-Orange / Orange-Red	Digital phone	7
Lower	8	33 / 8	Red-Green / Green-Red	Digital phone	8
Lower	9	34 / 9	Red-Brown / Brown-Red	Digital phone	9
Lower	10	35 / 10	Red-Slate / Slate-Red	Digital phone	10
Lower	11	36 / 11	Black-Blue / Blue-Black	Digital phone	11
Lower	12	37 / 12	Black-Orange / Orange-Black	Digital phone	12
Lower	13	38 / 13	Black-Green / Green-Black	Digital phone	13
Lower	14	39 / 14	Black-Brown / Brown-Black	Digital phone	14
Lower	15	40 / 15	Black-Slate / Slate-Black	Digital phone	15
Lower	16	41 / 16	Yellow-Blue / Blue-Yellow	Digital phone	16
Lower	17-25	42-50 / 17-25		No connection	

## RJ-21 Connector 2

Connector	Pair	Pins (Tip/Ring)	Wire colors (Tip/Ring)	Device type	Port
Upper	1	26 / 1	White-Blue / Blue-White	Digital phone	17
Upper	2	27 / 2	White-Orange / Orange-White	Digital phone	18
Upper	3	28 / 3	White-Green / Green-White	Digital phone	19
Upper	4	29 / 4	White-Blue / Blue-White	Digital phone	20
Upper	5	30 / 5	White-Slate / Slate-White	Digital phone	21
Upper	6	31 / 6	Red-Blue / Blue-Red	Digital phone	22
Upper	7	32 / 7	Red-Orange / Orange-Red	Digital phone	23
Upper	8	33 / 8	Red-Green / Green-Red	Digital phone	24
Upper	9	34 / 9	Red-Brown / Brown-Red	Digital phone	25
Upper	10	35 / 10	Red-Slate / Slate-Red	Digital phone	26
Upper	11	36 / 11	Black-Blue / Blue-Black	Digital phone	27
Upper	12	37 / 12	Black-Orange / Orange-Black	Digital phone	28
Upper	13	38 / 13	Black-Green / Green-Black	Digital phone	29
Upper	14	39 / 14	Black-Brown / Brown-Black	Digital phone	30
Upper	15	40 / 15	Black-Slate / Slate-Black	Digital phone	31
Upper	16	41 / 16	Yellow-Blue / Blue-Yellow	Digital phone	32
Upper	17-25	42-50 / 17-25		No connection	