

## Tax Depreciation Rates

Last Updated: 28 November 2014

Sources: IRD document: at <http://www.ird.govt.nz/resources/6/5/6576ff004ba>

	Modelled asset life	Matched IRD Asset	Match type	Diminishing value depreciation rate, no loading (%)
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### FPP model to IRD asset match

	Modelled asset life	Matched IRD Asset	Match type	Diminishing value depreciation rate, no loading (%)
Copper cables	9-20	Cabling (land-based, including fibre-optic cabling)	Asset name	13
Copper joints	9-20	Cabling (land-based, including fibre-optic cabling)	Asset life	13
Copper distribution points	20	Cabling (land-based, including fibre-optic cabling)	Technical match	13
Fibre distribution points	20	Cabling (land-based, including fibre-optic cabling)	Technical match	13
Fibre cables	20	Cabling (land-based, including fibre-optic cabling)	Asset name	13
Fibre joints	20	Cabling (land-based, including fibre-optic cabling)	Asset life	13
Ducts	50	Ducts and in-ground conduits	Asset name	4
Trenches	50	Ducts and in-ground conduits	Asset name	4
Poles	20	Poles (power, wooden)	Technical match	10
Chambers/Manholes/Jointholes	50	Manholes	Asset name	4
MDF/ODF	9	Main distribution frames	Asset name	16
Switches/routers	5	Telephone switching equipment	Technical match	16
FWA base stations	14	Broadcasting towers	Asset name	8
Submarine links (cables/landing stations)	20	Cabling (submarine, including fibre-optic cabling)	Asset name	8
Microwave links	10-14	Antennas and networking equipment/Broadcasting masts	Technical match	12
DWDM links	10	Cabling (land-based, including fibre-optic cabling)	Technical match	13
DSLAM (card/subrack/rack)	7	Telephone switching equipment	Technical match	16
Building/Land	6-33	Buildings (default class)	Technical match	3
Power equipment	5-15	Electrical reticulation	Default	8
Air-conditioning equipment	5-15	Air conditioning systems (in use 24 hours per day)	Technical match	16
Site equipment (e.g. security equipment)	5-10	Security systems	Default	20

### IRD depreciation and asset lives

	Est useful life (years)	DV depn rate (%)
Antennas and networking equipment	12.50	16.00
Broadcasting masts	25.00	8.00
Broadcasting towers	25.00	8.00
Cable locators	8.00	25.00
Cabling (land-based, including fibre-optic cabling)	15.50	13.00
Cabling (submarine, including fibre-optic cabling)	25.00	8.00
Ducts and in-ground conduits	50.00	4.00
Fibre-optic repeaters	12.50	16.00
Main distribution frames	12.50	16.00
Manholes	50.00	4.00
Radar detecting equipment	10.00	20.00
Radar navigational equipment	10.00	20.00

Radio broadcasting equipment	10.00	20.00
Radio remote control devices	10.00	20.00
Radio telephone equipment	8.00	25.00
Repeaters, line and network terminating equipment	8.00	25.00
Satellite dishes and networking equipment	12.50	16.00
Satellites (geosynchronous orbit)	15.00	13.00
Set-boxes with hard drive and personal video recorders (PVRs) with hard drive	4.00	50.00
Set-top boxes without hard drive and personal video recorders (PVRs) without hard drive	5.00	40.00
Southern Cross cable network: right to use capacity granted 7 Oct 2004 – 23 Nov 2006 (PROV)	8.97 to 11.10	18.00
Southern Cross cable network: right to use capacity granted 24 Nov 2006 – 28 Jul 2008 (PROV)	7.29 to 8.97	22.00
Southern Cross cable network: right to use capacity granted 29 Jul 2008 – 21 Feb 2010 (PROV)	5.72 to 7.29	26.00
Southern Cross cable network: right to use capacity granted 22 Feb 2010 – 14 Nov 2010 (PROV)	5 to 5.72	33.00
Telecommunication equipment (default class)	10.00	20.00
Telephone monitoring and management equipment	8.00	25.00
Telephone switching equipment	12.50	16.00
Television broadcasting equipment	10.00	20.00
Test instruments	8.00	25.00
Two-way radios	5.00	40.00
Video conferencing equipment	5.00	40.00

Poles (power, excluding wooden)	25.00	8.00
Poles (power, wooden)	20.00	10.00
Buildings (default class)	50.00	3.00
Buildings (portable)	12.50	13.50
Buildings with prefabricated stressed-skin insulation panels	33.30	4.50
Buildings with reinforced concrete framing	50.00	3.00
Buildings with steel or steel and timber framing	50.00	3.00
Buildings with timber framing	50.00	3.00

Air conditioners (split system)	10.00	20.00
Air conditioners (through-window type)	10.00	20.00
Air conditioning systems	20.00	10.00
Air conditioning systems (in use 24 hours per day)	12.50	16.00
Security systems	10.00	20.00
Electrical reticulation	25.00	8.00