

# SWAN Catalogue Services

Standard Cat Services (WAN and Access)	Primary Access Speeds (per sec) Download / Upload	Secondary Access Speeds (per sec) Download/Upload	Primary Bearer type for WAN circuits	Additional Detail and non WAN
<b>Cat 1</b>	2.5Mb/512k	N/A	IPSTREAM/ ADSL2	
<b>Cat 2</b>	2.5Mb/512k	N/A	IPSTREAM/ ADSL2	
<b>Cat 2+S</b>	2.5Mb/512k	2.5Mbs/512k	IPSTREAM/ ADSL2	
<b>Cat 3(a)</b>	5Mb/1Mb	N/A	ADSL2+	
<b>Cat 3(b)</b>	5Mb/1Mb	N/A	Bonded IPSTREAM/ ADSL2	
<b>Cat 3(a)+S</b>	5Mb/1Mb	2.5Mb/512k	ADSL2+	
	5Mb/1Mb	2.5Mb/512k	IPSTREAM/ ADSL2+	
<b>Cat 3(a)+S1R (Single Router)</b>	5Mb/1Mb	2.5Mb/512k	ADSL2+	
	5Mb/1Mb	2.5Mb/512k	ADSL2+	
<b>Cat 3(b)+S</b>	5Mb/1Mb	2.5Mb/512k	Bonded IPSTREAM/ ADSL2	
	5Mb/1Mb	2.5Mb/512k	IPSTREAM/ ADSL2	
<b>Cat 4</b>	10Mb/2Mb	N/A	AEFM	
	10Mb/2Mb	N/A	Fibre (e.g. EAD)	
	10Mb/2Mb	N/A	EFM	
	10Mb/2Mb	N/A	TTB EFM	
	10Mb/2Mb	N/A	FTTC	
<b>Cat 4+S</b>	10Mb/2Mb	5Mb/1Mb	AEFM	
	10Mb/2Mb	5Mb/1Mb	Fibre (e.g. EAD)	
	10Mb/2Mb	5Mb/1Mb	EFM	
	10Mb/2Mb	5Mb/1Mb	TTB EFM	
	10Mb/2Mb	5Mb/1Mb	FTTC	
	10Mb/2Mb	5Mb/1Mb	ADSL2+	
<b>CAT4+M</b>	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	AEFM	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	EFM	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	TTB EFM	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	FTTC	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	4G	
<b>Cat 4+S1R (Single Router)</b>	10Mb/2Mb	5Mb/1Mb	AEFM	



	10Mb/2Mb	5Mb/1Mb	FTTC	
	10Mb/2Mb	5Mb/1Mb	ADSL2+	
<b>Cat 4+S1R (8M:8M) (Single Router)</b>	8Mb/8Mb	5Mb/1Mb	EFM	
	8Mb/8Mb	5Mb/1Mb	FTTC	
	8Mb/8Mb	5Mb/1Mb	ADSL2+	
<b>Cat4+M1R (Single Router)</b>	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	AEFM	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	FTTC	
	10Mb/2Mb	Shaped 5Mb/2Mb, Not Guaranteed	4G	
<b>Cat 4+S1R (10M:10M) (Single Router)</b>	10Mb/10Mb	5Mb/1Mb	EFM	
	10Mb/10Mb	5Mb/1Mb	FTTC	
	10Mb/10Mb	5Mb/1Mb	ADSL2+	
<b>Cat 4+M1R (10M:10M) Single Router</b>	10Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	EFM	
	10Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	FTTC	
	10Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	4G	
<b>Cat 4AX</b>	20Mb/10Mb	N/A	FTTC	
<b>Cat 4AX +S</b>	20Mb/10Mb	5Mb/1Mb	FTTC	
<b>CAT 4AX+M</b>	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	EFM	
	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	FTTC	
	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	4G	
<b>Cat 4AX +S1R (Single Router)</b>	20Mb/10Mb	5Mb/1Mb	FTTC	
<b>CAT 4AX+M1R</b>	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	EFM	
	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	FTTC	
	20Mb/10Mb	Shaped 5Mb/2Mb, Not Guaranteed	4G	
<b>Cat 4U (30:10)</b>	30Mb/10Mb	N/A	FTTC	
<b>Cat 4U +S (30:10)</b>	30Mb/10Mb	5Mb/1Mb	FTTC	
<b>Cat 4U +S1R (30:10)</b>	30Mb/10Mb	5Mb/1Mb	FTTC	
<b>Cat 5(c)</b>	2Mbs/2Mbs	N/A	Fibre (e.g. EAD)	
<b>Cat 5+S</b>	2Mb	N/A	Fibre (e.g. EAD)	
	2Mb	1Mb	EFM	
	2Mb	1Mb	TTB EFM	

	2Mb	1Mb	FTTC	
<b>Cat 6(a)</b>	10Mb/10Mb	N/A	FTTC	
<b>Cat 6(b)</b>	10Mb/10Mb	N/A	EFM	
	10Mb/10Mb	N/A	TTB EFM	
<b>Cat 6(c)</b>	10Mb/10Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 6+S</b>	10Mb/10Mb	5Mb/5Mb	Fibre (e.g. EAD)	
	10Mb/10Mb	5Mb/5Mb	EFM	
	10Mb/10Mb	5Mb/5Mb	TTB EFM	
	10Mb/10Mb	5Mb/5Mb	FTTC	
<b>Cat 6+SV1</b>	10Mb/10Mb	5Mb/5Mb	EFM	
	10Mb/10Mb	5Mb/5Mb	FTTC	
<b>Cat 7</b>	50Mb/50Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 7+S</b>	50Mb/50Mb	25Mb/25Mb	Fibre (e.g. LA EAD100 RO2 + EAD100 RO2)	
<b>Cat 7+S v1</b>	50Mb/50Mb	50Mb/20Mb	Fibre (e.g. LA EAD100)	
	50Mb/50Mb	50Mb/20Mb	FTTC	
<b>Cat 7(d)</b>	100Mb/50Mb		GEA-FTTP	
<b>Cat 7(d)+S</b>	100Mb/50Mb	60Mb/30Mb	GEA-FTTP	
<b>Cat 7(d)+M</b>	100Mb/50Mb	Unshaped. Not guaranteed	GEA-FTTP/4G	
<b>Cat 7(d)+S1R</b>	100Mb/50Mb	60Mb/30Mb	GEA/FTTP	
<b>Cat 8</b>	100Mb/100Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 8+S</b>	100Mb/100Mb	50Mb/50Mb	Fibre (e.g. LA EAD100 RO2 + EAD100 RO2)	
<b>Cat 8+S R1</b>	100Mb/100Mb	50Mb/50Mb	Fibre (e.g. EAD)	
<b>Cat 9</b>	500Mb/500Mb	N/A	Fibre (e.g. LA EAD1G)	
<b>Cat 9+S</b>	500Mb/500Mb	250Mb/250Mb	Fibre (e.g. LA EAD 1G RO2 + EAD 1G RO2)	
<b>Cat 10</b>	N/A	N/A	N/A	Hard or Soft tokens for Remote Access over Internet
<b>Cat 11(a)</b>	4Mb/4Mb	N/A	FTTC	
<b>Cat 11(b)</b>	4Mb/4Mb	N/A	EFM	
	4Mb/4Mb	N/A	TTB EFM	
<b>Cat 11(c)</b>	4Mb/4Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 11+S</b>	4Mb/4Mb	2Mb/2Mb	Fibre (e.g. EAD)	
	4Mb/4Mb	2Mb/2Mb	EFM	
	4Mb/4Mb	2Mb/2Mb	TTB EFM	
	4Mb/4Mb	2Mb/2Mb	FTTC	
<b>Cat 12(a)</b>	20Mb/20Mb	N/A	FTTC	
<b>Cat 12(b)</b>	20Mb/20Mb	N/A	EFM	
	20Mb/20Mb	N/A	TTB EFM	
<b>Cat 12(c)</b>	20Mb/20Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 12+S</b>	20Mb/20Mb	10Mb/10Mb	Fibre (e.g. EAD100)	
	20Mb/20Mb	10Mb/10Mb	EFM	
	20Mb/20Mb	10Mb/10Mb	TTB EFM	

	20Mb/20Mb	10Mb/10Mb	FTTC	
	20Mb/20Mb	10Mb/10Mb	Fibre (e.g. EAD)	
	20Mb/20Mb	10Mb/10Mb	EFM	
<b>Cat 13(a)</b>	30Mb/30Mb	N/A	FTTC	
<b>Cat 13(b)</b>	30Mb/30Mb	N/A	EFM	
	30Mb/30Mb	N/A	TTB EFM	
<b>Cat 13(c)</b>	30Mb/30Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 13+S</b>	30Mb/30Mb	15Mb/15Mb	Fibre (e.g. LA EAD100)	
	30Mb/30Mb	15Mb/15Mb	EFM	
	30Mb/30Mb	15Mb/15Mb	TTB EFM	
	30Mb/30Mb	15Mb/15Mb	FTTC	
<b>Cat 13(d)</b>	60Mb/30Mb	N/A	GEA-FTTP	
<b>Cat 13(d)+S</b>	60Mb/30Mb	30Mb/Uncapped (min 10Mb)	GEA-FTTP/FTTC	
<b>Cat 13(d)+M</b>	60Mb/30Mb	Unshaped. Not guaranteed	GEA-FTTP/4G	
<b>Cat 13(d)+S1R</b>	60Mb/30Mb	30Mb/Uncapped (min 10Mb)	GEA-FTTP/FTTC	
<b>Cat 14(a)</b>	8Mb/8Mb	N/A	FTTC	
<b>Cat 14(b)</b>	8Mb/8Mb	N/A	EFM	
	8Mb/8Mb	N/A	TTB EFM	
<b>Cat 14(c)</b>	8Mb/8Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 14+S</b>	8Mb/8Mb	4Mb/4Mb	Fibre (e.g. EAD)	
	8Mb/8Mb	4Mb/4Mb	EFM	
	8Mb/8Mb	4Mb/4Mb	TTB EFM	
	8Mb/8Mb	4Mb/4Mb	FTTC	
<b>Cat 14+SV1</b>	8Mb/8Mb	4Mb/4Mb	EFM	
	8Mb/8Mb	4Mb/4Mb	FTTC	
<b>Cat 15</b>	200Mb/200Mb	N/A	Fibre (e.g. LA EAD1G)	
<b>Cat 15+S</b>	200Mb/200Mb	100Mb/100Mb	Fibre (e.g. LA EAD 1G RO2)	
	200Mb/200Mb	100Mb/100Mb	Fibre (e.g. EAD 1G RO2)	
<b>Cat 16</b>	1Gb/1Gb	N/A	Fibre (e.g. LA EAD1G)	
<b>Cat 16+S</b>	1Gb/1Gb	500Mb/500Mb	Fibre (e.g. LA EAD 1G + EAD 1G RO2)	
<b>Cat 17</b>	10Mb	N/A	Dedicated Leased Lines	
<b>Cat 18</b>	100Mb/100Mb	N/A	Dedicated Leased Lines	
<b>Cat 19</b>	1Gb/1Gb	N/A	Dedicated Leased Lines	
<b>Cat 20</b>			Firewall providing secure Remote Access connectivity as ethernet ports on sites with external Internet connectivity only	
<b>Cat 21(a)</b>	6Mb/6Mb	N/A	FTTC	
<b>Cat 21(b)</b>	6Mb/6Mb	N/A	EFM	

	6Mb/6Mb	N/A	TTB EFM	
<b>Cat 21(c)</b>	6Mb/6Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 22(a)</b>	12Mb/12Mb	N/A	FTTC	
<b>Cat 22(b)</b>	12Mb/12Mb	N/A	EFM	
	12Mb/12Mb	N/A	TTB EFM	
<b>Cat 22(c)</b>	12Mb/12Mb	N/A	Fibre (e.g. LA EAD100)	
<b>Cat 23(a)</b>	16Mb/16Mb	N/A	FTTC	
<b>Cat 23(b)</b>	16Mb/16Mb	N/A	EFM	
	16Mb/16Mb	N/A	TTB EFM	
<b>Cat 23(c)</b>	16Mb/16Mb	N/A	Fibre (e.g. LA EAD100)	

Thank you for your interest in SWAN.  
To speak to one of our dedicated  
team contact: [swan@capita.co.uk](mailto:swan@capita.co.uk)

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