



Private Line Service - SONET NC/NCI/SECNCI Combinations

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Carrier Services
Jurisdiction: FV03
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Purpose

The purpose of the job aid is to provide commonly used NC/NCI/SECNCI combinations to assist with ordering of the Private Line Service (SONET) products.

Private Line Service - Optical

NWF – FV03

Table Legend:

*** Reference SONET Multiplexer Protocol + Options, Telcordia BR-795-403-100

02/04SOF - The option is identified with one of the following codes:

B – ANSI: Long Reach-1, Single Longitudinal Mode Laser, 1310 nm

D – ANSI: Intermediate Reach-1, Single Longitudinal Mode Laser, 1310 nm

F – ANSI: Short Reach-1, Multi Longitudinal Mode Laser, 1310 nm

X – Provider Engineered Reach Factor

Service Description	NC	NCI	SECNCI
Channelized			
OC3 Frontier Muxed at both ends	OB-E	04SMF.***	04SMF.***
	OBTE	04QBF.LL	04QBF.LL
OC3 Frontier Muxed at Central Office	OB-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OBTC	02QBF.LL 04QBF.LL	04QBF.LL
OC3 Frontier Muxed at Non-Central Office at PRILOC	OB-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OBTD	04QBF.LL	02QBF.LL 04QBF.LL
OC3 Frontier Muxed at Non-Central Office at SECLOC	OB-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OBTD	02QBF.LL 04QBF.LL	04QBF.LL
OC12 Frontier Muxed at both ends	OD-E	04SMF.***	04SMF.***
	ODTE	04QBF.LL	04QBF.LL
OC12 Frontier Muxed at Central Office	OD-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	ODTC	02QBF.LL 04QBF.LL	04QBF.LL
OC12 Frontier Muxed at Non-Central Office at PRILOC	OD-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	ODTD	04QBF.LL	02QBF.LL 04QBF.LL
OC12 Frontier Muxed at Non-Central Office at SECLOC	OD-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	ODTD	02QBF.LL 04QBF.LL	04QBF.LL

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Service Description	NC	NCI	SECNCI
Channelized Continued			
OC48 Frontier Muxed at both ends	OF-E	04SMF.***	04SMF.***
	OFTE	04QBF.LL	04QBF.LL
OC48 Frontier Muxed at Central Office	OF-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OFTC	02QBF.LL 04QBF.LL	04QBF.LL
OC48 Frontier Muxed at Non-Central Office at PRILOC	OF-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OFTD	04QBF.LL	02QBF.LL 04QBF.LL
OC48 Frontier Muxed at Non-Central Office at SECLOC	OF-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OFTD	02QBF.LL 04QBF.LL	04QBF.LL
OC192 Frontier Muxed at both ends	OG-E	04SMF.***	04SMF.***
	OGTE	04QBF.LL	04QBF.LL
OC192 Frontier Muxed at Central Office	OG-C	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OGTC	02QBF.LL 04QBF.LL	04QBF.LL
OC192 Frontier Muxed at Non-Central Office at PRILOC	OG-D	04SMF.***	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OGTD	04QBF.LL	02QBF.LL 04QBF.LL
OC192 Frontier Muxed at Non-Central Office at SECLOC	OG-D	02SOF.B, D, F, or X 04SOF.B, D, F, or X	04SMF.***
	OGTD	02QBF.LL 04QBF.LL	04QBF.LL
Non-Channelized			
OC3 Non-Concatenated	OB--	02SOF.B, D, F, or X	02SOF.B, D, F, or X
	OBT-	04SOF.B, D, F, or X 02QBF.LL 04QBF.LL	04SOF.B, D, F, or X 02QBF.LL 04QBF.LL
OC3c Concatenated	OB-R	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OBTR	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL
OC12 Non-Concatenated	OD--	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	ODT-	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL
OC12c Concatenated	OD-R	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	ODTR	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL

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Service Description	NC	NCI	SECNCI
Non-Channelized Continued			
OC48 Non-Concatenated	OF--	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OFT-	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL
OC48c Concatenated	OF-R	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OFTR	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL
OC192 Non-Concatenated	OG--	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OGT-	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL
OC192c Concatenated	OG-R	02SOF.B, D, F, or X 04SOF.B, D, F, or X	02SOF.B, D, F, or X 04SOF.B, D, F, or X
	OBTR	02QBF.LL 04QBF.LL	02QBF.LL 04QBF.LL

Change Log

Date	Page Number	Change