

GMRT OPTICAL FIBER SYSTEM

SOUTH ARM OPTICAL FIBER CABLE FIELD JOINTS AND SPLICE DETAILS

Date	20/11/96	18/11/96	16/03/06	25/01/97 05/12/04	10/12/03	22/01/97	28/01/97	12/12/96	17/12/96	17/02/97 05/12/04		27/05/99	13/03/97
FJ / SP No. & PLACE	SP0	FJ1 NEAR C12 BASE	FJ7 AMARWADI SCHOOL	S01 BASE SP1	FJ6 BHOR MALA	FJ2 NEAR SCHOOL	S02 BASE SP2	S03 BASE SP3	S04 BASE SP4	FJ3 - T S05 BASE	FJ4 NIR'SAR VILLAGE	FJ5 NIR'SAR VILLAGE	S06 BASE SP5
DISTANCE IN Kms	0.00	1.4588	3.4552	4.7828	6.355	6.9307	7.3253	10.511	13.799	16.474	18.055	18.445	20.078
Cable Core	14	14 + 14	14+14	14 + 12	12 + 12	12 +12	12 + 10	10 + 8	8 + 6	6 + 4	4 + 4	4 + 4	4 + 4
ANTENNA	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO	CABLE NO
S01 OTX	SA5011	SA5011	SA5011	SA5011									
S01 SPARE	SA5012	SA5012	SA5012	SA5012 SHORT LENGTH CABLE									
S01 SPARE	SA5013	SA5013	SA5013	SA5013 PIG TAIL									
S01 ORX	SA5014	SA5014	SA5014	SA5014									
S02 OTX	SA5021	SA5021	SA5021	SA5111	SA5111	SA5111	SA5111						
S02 ORX	SA5022	SA5022	SA5022	SA5112	SA5112	SA5112	SA5112						
S03 OTX	SA5023	SA5023	SA5023	SA5121	SA5121	SA5121	SA5211	SA5211					
S03 ORX	SA5024	SA5024	SA5024	SA5122	SA5122	SA5122	SA5212	SA5212					
S04 OTX	SA5031	SA5031	SA5031	SA5131	SA5131	SA5131	SA5221	SA5311	SA5311				
S04 ORX	SA5032	SA5032	SA5032	SA5132	SA5132	SA5132	SA5222	SA5312	SA5312				
S06 OTX	SA5033	SA5033	SA5033	SA5141	SA5141	SA5141	SA5231	SA5321	SA5411	SA5411	SA5411	SA5411	SA5511
S06 ORX	SA5034	SA5034	SA5034	SA5142	SA5142	SA5142	SA5232	SA5322	SA5412	SA5412	SA5412	SA5412	SA5512
S06 SPARE astrometry	SA5041	SA5041	SA5041	SA5151	SA5151	SA5151	SA5241	SA5331	SA5421	SA5421 PIGTAIL	SA5421	SA5421	SA5521
S06 SPARE	SA5042	SA5042	SA5042	SA5152	SA5152 BROKEN	SA5152	SA5242	SA5332	SA5422	SA5422 PIGTAIL	SA5422	SA5422	SA5522
SPARE				SA5161	SA5161 BROKEN	SA5161	SA5251	SA534	SA5431	SA5431 nc			
SPARE				SA5162	SA5162 BROKEN	SA5162	SA5252	SA5342	SA5432	SA5432 nc			

Note :

- 1) SA5012 cable at S01 antenna base is short in length and can not be spliced to the pigtail for spare fiber.
- 2) SA5152 , SA5161 AND SA5162 are cut at 567meter away from S01 Antenna base.
- 3) S05 Antenna base cable no SA5421 connected to the OTx for ASTROMETERY PROJECT.

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Last updated: 09/12/2007 15:11:19