

# MAGNETIC REFERENCE LABORATORY, INC

## Two-Speed Short Calibration Tapes

This is a selection from the "minimalist" Calibration Tapes that our users have asked for.

Catalogue numbers are listed for each program of test signals for 5.5 minute total duration, (and 11 minute total duration), at 250 nWb/m ("+3 dB") and at 355 nWb/m ("+6 dB"). All of these part numbers are fringing compensated.

For ¼ in full track, and ½- and 1- inch two track systems, ask for the part number for a **non-fringing-compensated** tape. These same test signals are also available with other reference fluxivities, and for a 22 minute total duration on request.

### 7.5 in/s NAB Eq. & 15 in/s NAB Eq.

Signals & durations, once at each speed: for 5.5 (or 11) minute total duration	Medium	5.5 min total duration		11 min total duration	
		Reference Fluxivity		Reference Fluxivity	
		250nWb/m	355nWb/m	250nWb/m	355nWb/m
1 kHz, 84 (159) s 10 kHz, 84 (159) s	1/4"	299-274-482-119	299-274-512-115	299-274-482-135	299-274-512-131
	1/2"	399-274-482-118	399-274-512-114	99-274-482-134	399-274-512-130
	1"	499-274-482-117	499-274-512-113	499-274-482-133	499-274-512-139
	2"	599-274-482-116	599-274-512-112	599-274-482-132	599-274-512-138
1 kHz, 31 (75) s 10 kHz, 31 (75) s 50 Hz, 7 (19) s 100 Hz, 7 (19) s 8 kHz, 22 (54) s 16 kHz 22 (54) s	1/4"	299-008-482-112	299-008-512-118	299-008-482-138	299-008-512-134
	1/2"	399-008-482-111	399-008-512-117	399-008-482-137	399-008-512-133
	1"	499-008-482-110	499-008-512-116	499-008-482-136	499-008-512-132
	2"	599-008-482-119	599-008-512-115	599-008-482-135	599-008-512-131

### 15 in/s IEC Eq. & 30 in/s AES Eq.

Signals & durations, once at each speed: for 5.5 (or 11) minute total duration	Medium	5.5 min total duration		11 min total duration	
		Reference Fluxivity		Reference Fluxivity	
		250nWb/m	355nWb/m	250nWb/m	355nWb/m
1 kHz, 55 (105) s 10 kHz, 55 (105) s 100 Hz, 55 (105) s	1/4"	299-249-482-117	299-249-512-113	299-249-482-133	299-249-512-139
	1/2"	399-249-482-116	399-249-512-112	399-249-482-132	399-249-512-138
	1"	499-249-482-115	499-249-512-111	499-249-482-131	499-249-512-137
	2"	599-249-482-114	599-249-512-110	599-249-482-130	599-249-512-136
1 kHz, 65 s 10 kHz, 65 s 100 Hz, 30 s (Note: 11 min is two sets of 5.5 min program)	1/4"	299-006-482-118	299-006-512-114	299-006-482-134	299-006-512-130
	1/2"	399-006-482-117	399-006-512-113	399-006-482-133	399-006-512-139
	1"	499-006-482-116	499-006-512-112	499-006-482-132	499-006-512-138
	2"	599-006-482-115	599-006-512-111	599-006-482-131	599-006-512-137
1 kHz, 41 (78) s 100 Hz, 41 (78) s 10 kHz, 41 (78) s 16 kHz, 41 (78) s	1/4"	299-005-482-111	299-005-512-117	299-005-482-137	299-005-512-133
	1/2"	399-005-482-110	399-005-512-116	399-005-482-136	399-005-512-132
	1"	499-005-482-119	499-005-512-115	499-005-482-135	499-005-512-131
	2"	599-005-482-118	599-005-512-114	599-005-482-134	599-005-512-130

15 in/s NAB Eq. & 30 in/s AES Eq. on other side

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## 15 in/s NAB Eq. & 30 in/s AES Eq.

Signals & durations, once at each speed: for 5.5 (or 11) minute total duration	Medium	5.5 min total duration		11 min total duration	
		Reference Fluxivity		Reference Fluxivity	
		250nWb/m	355nWb/m	250nWb/m	355nWb/m
1 kHz, 49 (94) s 10 kHz, 49 (94) s 16 kHz, 32 (62) s 100 Hz, 32 (62) s	1/4"	25-271	299-007-512-111	25-272	299-007-512-137
	1/2"	25-273	399-007-512-110	25-274	399-007-512-136
	1"	499-007-482-113	499-007-512-119	499-007-482-139	499-007-512-135
	2"	25-275	599-007-512-118	25-276	599-007-512-134
1 kHz, 55 (105) s 10 kHz, 55 (105) s 100 Hz, 55 (105) s	1/4"	299-247-482-113	299-247-512-119	299-247-482-139	299-247-512-135
	1/2"	399-247-482-112	399-247-512-118	399-247-482-138	399-247-512-134
	1"	499-247-482-111	499-247-512-117	499-247-482-137	499-247-512-133
	2"	599-247-482-110	599-247-512-116	599-247-482-136	599-247-512-132
1 kHz, 18 (68) s 10 kHz, 18 (68) s 100 Hz, 18 (68) s Chromatic Sweep, 105s (See Pub. CHROM for details.)	1/4"	299-224-482-114	299-224-512-110	299-224-482-130	299-224-512-136
	1/2"	399-224-482-113	399-224-512-119	399-224-482-139	399-224-512-135
	1"	499-224-482-112	499-224-512-118	499-224-482-138	499-224-512-134
	2"	599-224-482-111	599-224-512-117	599-224-482-137	599-224-512-133
1 kHz, 84 (159) s 10 kHz, 84 (159) s	1/4"	299-245-482-119	299-245-512-115	299-245-482-135	299-245-512-131
	1/2"	399-245-482-118	399-245-512-114	399-245-482-134	399-245-512-130
	1"	499-245-482-117	499-245-512-113	499-245-482-133	499-245-512-139
	2"	599-245-482-116	599-245-512-112	599-245-482-132	599-245-512-138
1 kHz, 23 (104) s 10 kHz, 23 (104) s Chromatic Sweep, 105 s (See Pub. CHROM for details.)	1/4"	299-222-482-110	299-222-512-116	299-222-482-136	299-222-512-132
	1/2"	399-222-482-119	399-222-512-115	399-222-482-135	399-222-512-131
	1"	499-222-482-118	499-222-512-114	499-222-482-134	499-222-512-130
	2"	599-222-482-117	599-222-512-113	599-222-482-133	599-222-512-139
1 kHz, 32 (62) s 10 kHz, 32 (62) s 16 kHz, 32 (62) s 100 Hz, 32 (62) s 63 Hz, 32 (62) s	1/4"	299-001-482-113	299-001-512-119	299-001-482-139	299-001-512-135
	1/2"	399-001-482-112	399-001-512-118	399-001-482-138	399-001-512-134
	1"	499-001-482-111	499-001-512-117	499-001-482-137	499-001-512-133
	2"	599-001-482-110	599-001-512-116	599-001-482-136	599-001-512-132
1 kHz, 32 (62) s 10 kHz, 32 (62) s 16 kHz, 32 (62) s 100 Hz, 32 (62) s 50 Hz, 32 (62) s	1/4"	299-002-482-110	299-002-512-116	299-002-482-136	299-002-512-132
	1/2"	399-002-482-119	399-002-512-115	399-002-482-135	399-002-512-131
	1"	499-002-482-118	499-002-512-114	499-002-482-134	499-002-512-130
	2"	599-002-482-117	599-002-512-113	599-002-482-133	599-002-512-139
1 kHz, 55 (105) s 10 kHz, 55 (105) s 16 kHz, 55 (105) s	1/4"	299-270-482-111	299-270-512-117	299-270-482-137	299-270-512-133
	1/2"	399-270-482-110	399-270-512-116	399-270-482-136	399-270-512-132
	1"	499-270-482-119	499-270-512-115	499-270-482-135	499-270-512-131
	2"	599-270-482-118	599-270-512-114	599-270-482-134	599-270-512-130
1 kHz, 29 (56) s 100 Hz, 29 (56) s 4 kHz, 29 (56) s 10 kHz, 29 (56) s 16 kHz, 29 (56) s	1/4"	299-271-482-118	299-271-512-114	299-271-482-134	299-271-512-130
	1/2"	399-271-482-117	399-271-512-113	399-271-482-133	399-271-512-139
	1"	499-271-482-116	499-271-512-112	499-271-482-132	499-271-512-138
	2"	599-271-482-115	599-271-512-111	599-271-482-131	599-271-512-137